

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071718\
 Data File : VV006618.D
 Acq On : 17 Jul 2018 14:45
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV80

Quant Time: Jul 18 03:07:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 15:32:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250833	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115924	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.57	69	84118	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	196941	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	3.95	46	190502	56.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	4.40	84	184425	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	89564	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	386430	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	120145	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	356759	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.67	79	42001	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.14	63	227659	49.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93048	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	128278	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	91251	3.582 ug/L	# 81
3) Chloromethane	1.27	50	147770	5.223 ug/L	100
5) Vinyl chloride	1.32	62	152904	5.073 ug/L	99
6) Bromomethane	1.52	94	67095	5.600 ug/L	99
8) Chloroethane	1.59	64	85608	5.057 ug/L	100
9) Trichlorofluoromethane	1.76	101	165758	5.023 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	98887	5.014 ug/L	99
12) 1,1-Dichloroethene	2.14	96	101590	5.057 ug/L	92
13) Acetone	2.19	43	159866	47.695 ug/L	100
14) Carbon disulfide	2.31	76	320907	5.185 ug/L	100
15) Methyl Acetate	2.46	43	48212	4.656 ug/L	100
16) Methylene chloride	2.54	84	117817	4.689 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	261173	5.041 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	114457	5.183 ug/L	98
19) 1,1-Dichloroethane	3.23	63	208321	5.068 ug/L	99
21) 2-Butanone	4.04	43	288510	49.141 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	120427	5.198 ug/L	99

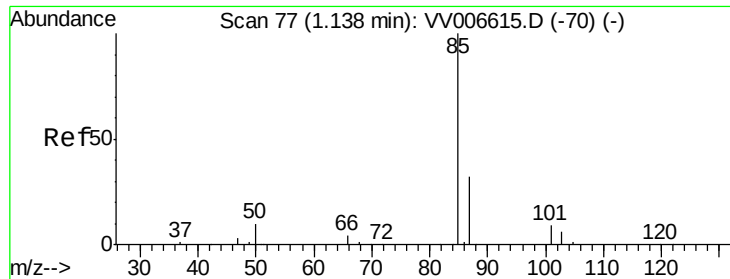
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48986	5.190	ug/L	97
25) Chloroform	4.43	83	196409	5.115	ug/L	99
27) 1,2-Dichloroethane	5.19	62	116217	5.105	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	154697	5.103	ug/L	98
30) Cyclohexane	4.72	56	160577	4.964	ug/L	100
31) Carbon tetrachloride	4.87	117	129266	5.143	ug/L	99
33) Benzene	5.15	78	453542	5.191	ug/L	100
34) Trichloroethene	5.96	95	111808	5.217	ug/L	99
35) Methylcyclohexane	6.18	83	172091	5.079	ug/L	100
37) 1,2-Dichloropropane	6.23	63	116472	5.287	ug/L	100
38) Bromodichloromethane	6.56	83	126027	5.088	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	152901	5.246	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	665876	52.460	ug/L	99
42) Toluene	7.43	91	471266	5.293	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	121210	5.358	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	78729	5.092	ug/L	98
47) Tetrachloroethene	8.02	164	87420	5.109	ug/L	97
48) 2-Hexanone	8.19	43	479338	52.935	ug/L	100
49) Dibromochloromethane	8.30	129	82843	5.285	ug/L	96
50) 1,2-Dibromoethane	8.40	107	71286	5.180	ug/L	98
51) Chlorobenzene	8.93	112	301946	5.214	ug/L	99
52) Ethylbenzene	9.06	91	496275	5.274	ug/L	98
53) m,p-xylene	9.19	106	192153	5.315	ug/L	99
54) o-xylene	9.59	106	188717	5.362	ug/L	100
55) Styrene	9.61	104	328087	5.433	ug/L	100
56) Isopropylbenzene	9.98	105	475557	5.280	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	97614	5.101	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	70016	5.105	ug/L	100
61) Bromoform	9.78	173	41453	5.049	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	224496	5.278	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	227902	5.252	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	219478	5.235	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	13109	4.975	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	172625	5.263	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	145421	5.339	ug/L	99
69) Naphthalene	13.56	128	268257	5.307	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	138316	5.340	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

Dichlorodifluoromethane

Concen: 3.582 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

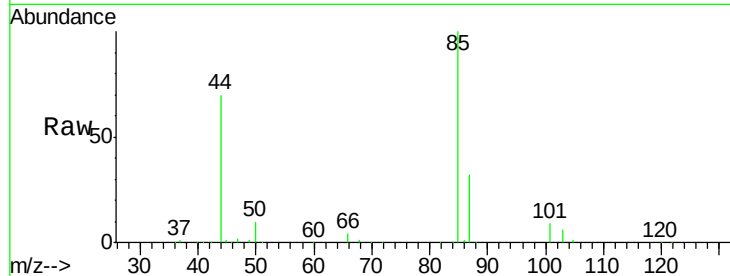
VICV80

Tgt Ion: 85 Resp: 91251

Ion Ratio Lower Upper

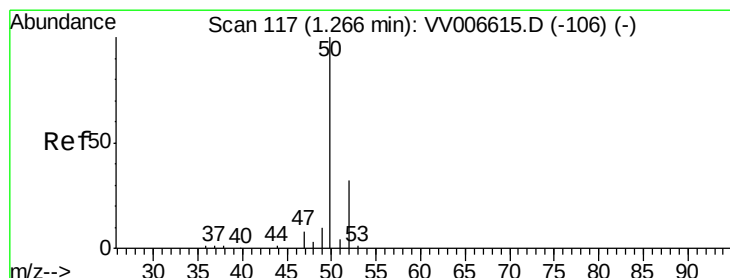
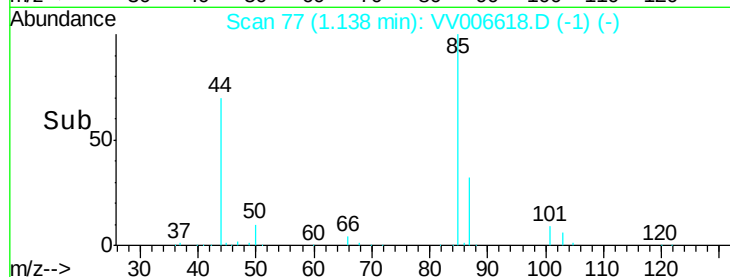
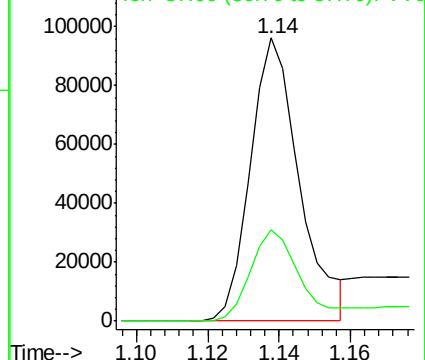
85 100

87 32.1 18.3 27.5#



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 5.223 ug/L

RT: 1.27 min Scan# 117

Delta R.T. -0.00 min

Lab File: VV006618.D

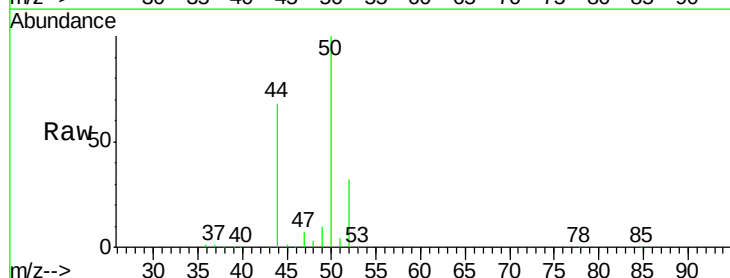
Acq: 17 Jul 2018 14:45

Tgt Ion: 50 Resp: 147770

Ion Ratio Lower Upper

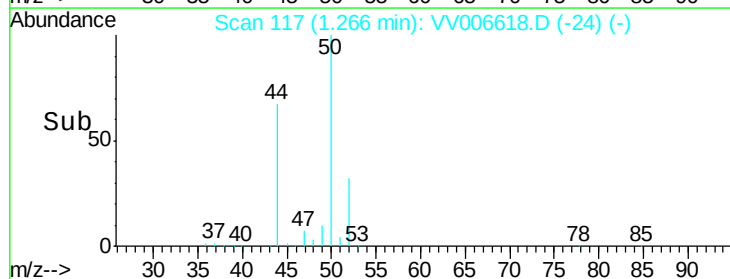
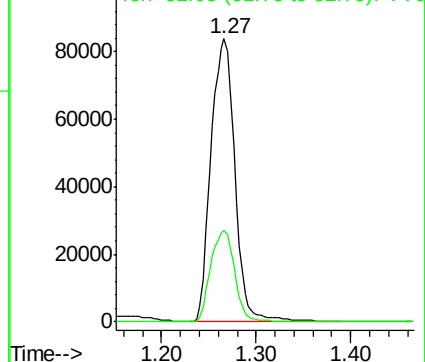
50 100

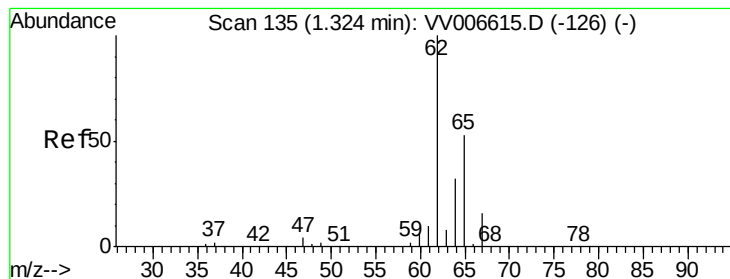
52 32.4 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 5.073 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

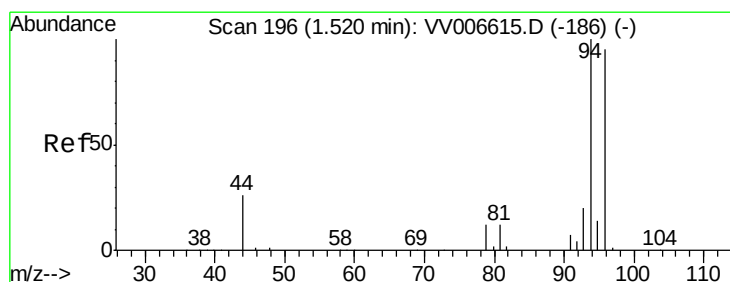
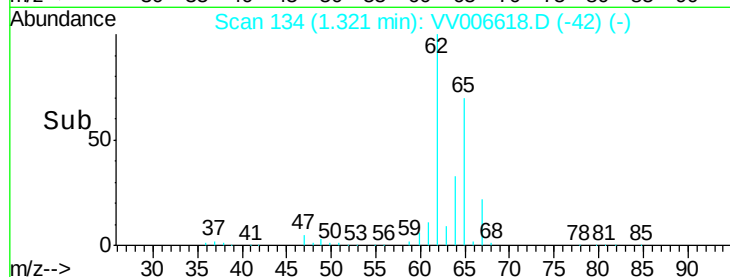
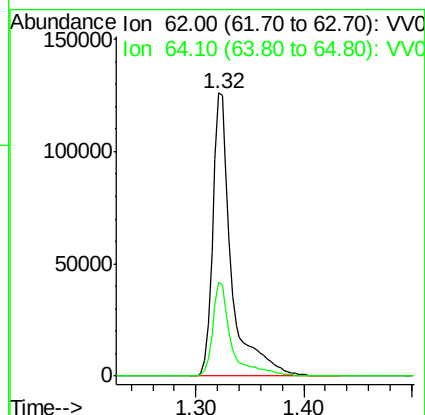
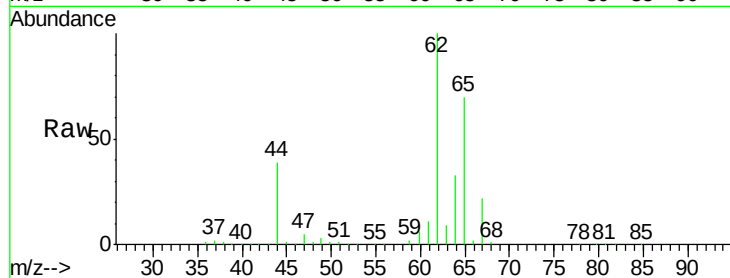
VICV80

Tgt Ion: 62 Resp: 152904

Ion Ratio Lower Upper

62 100

64 33.1 22.6 42.0



#6

Bromomethane

Concen: 5.600 ug/L

RT: 1.52 min Scan# 195

Delta R.T. -0.00 min

Lab File: VV006618.D

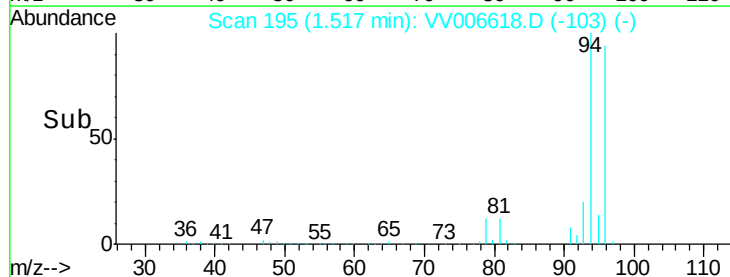
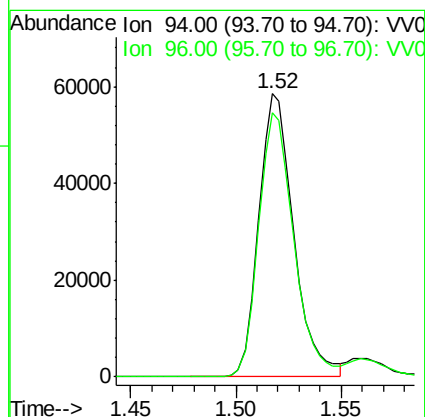
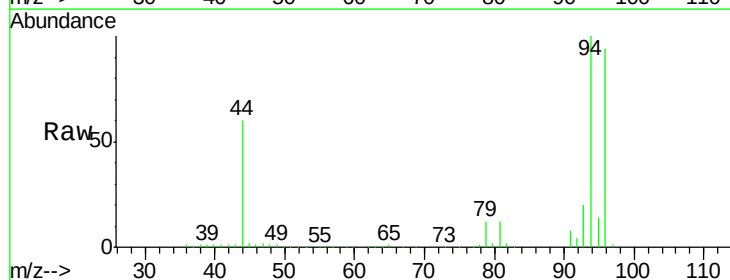
Acq: 17 Jul 2018 14:45

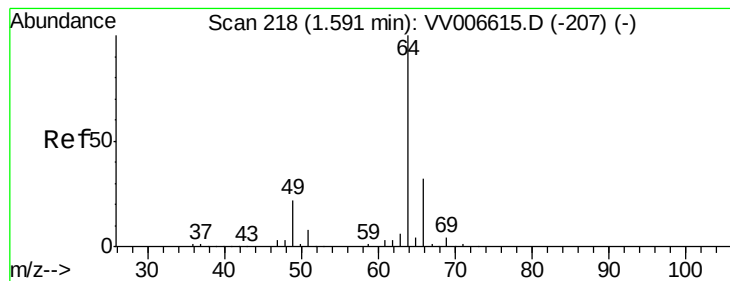
Tgt Ion: 94 Resp: 67095

Ion Ratio Lower Upper

94 100

96 93.5 66.2 123.0





#8

Chloroethane

Concen: 5.057 ug/L

RT: 1.59 min Scan# 218

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

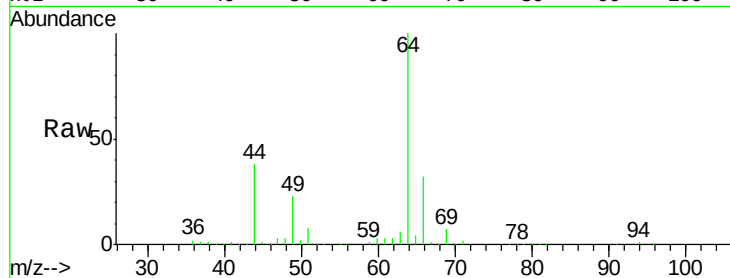
VICV80

Tgt Ion: 64 Resp: 85608

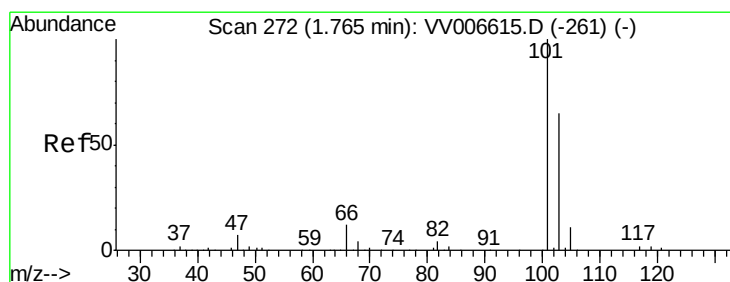
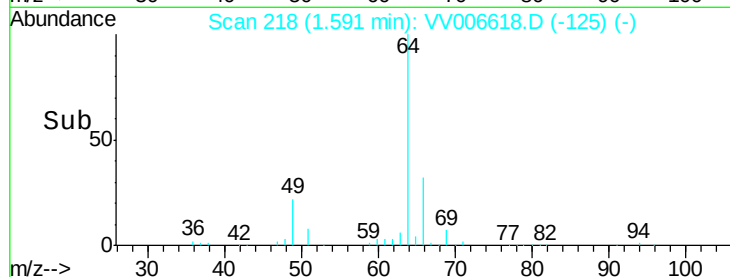
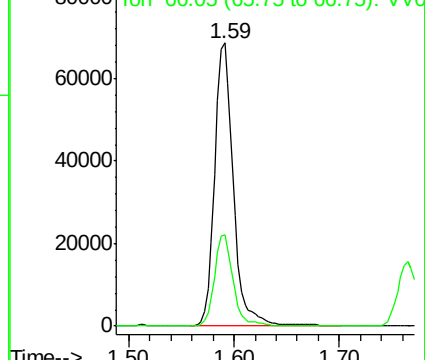
Ion Ratio Lower Upper

64 100

66 32.5 22.5 41.9



Abundance Ion 64.10 (63.80 to 64.80): VV006618.D (-125) (-)



#9

Trichlorofluoromethane

Concen: 5.023 ug/L

RT: 1.76 min Scan# 272

Delta R.T. -0.00 min

Lab File: VV006618.D

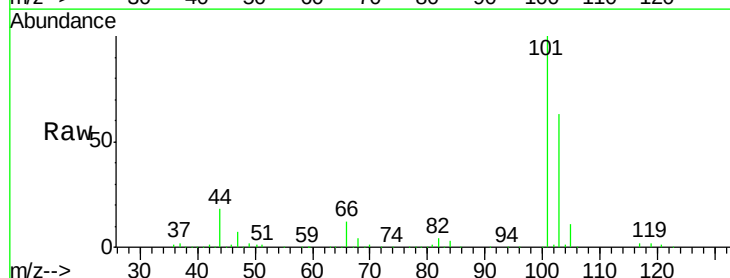
Acq: 17 Jul 2018 14:45

Tgt Ion: 101 Resp: 165758

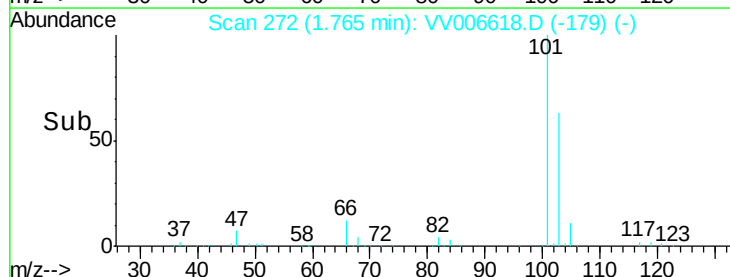
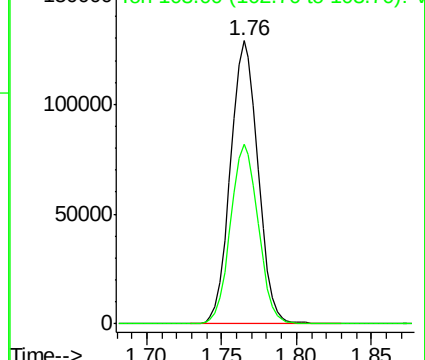
Ion Ratio Lower Upper

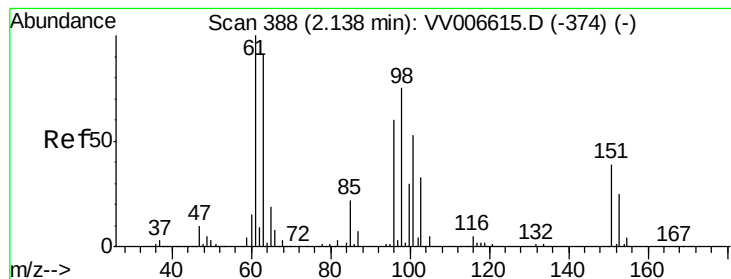
101 100

103 63.9 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV006618.D (-179) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.014 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampled :

VICV80

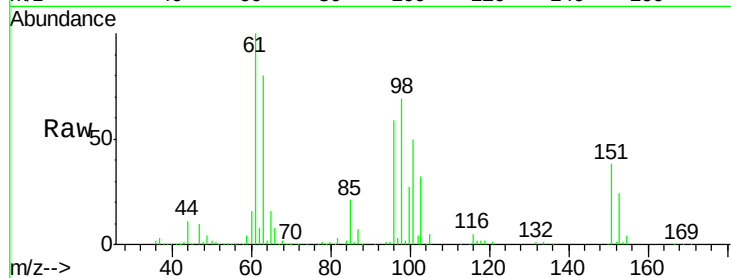
Tgt Ion: 101 Resp: 98887

Ion Ratio Lower Upper

101 100

85 41.5 33.9 50.9

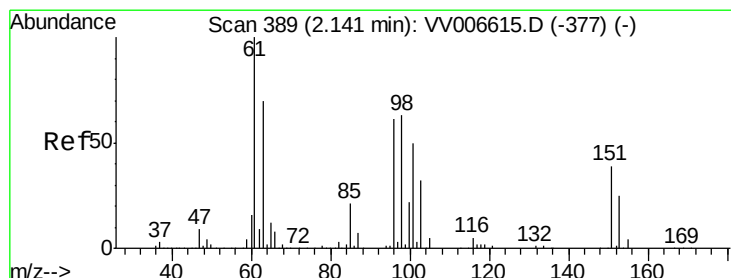
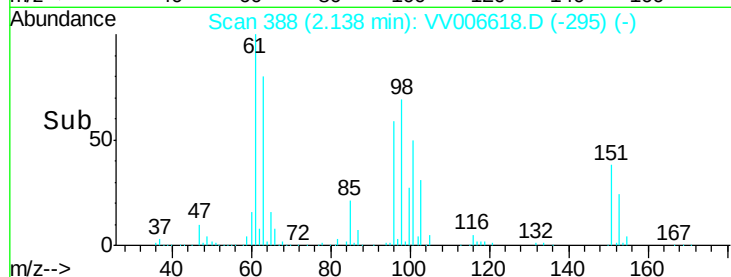
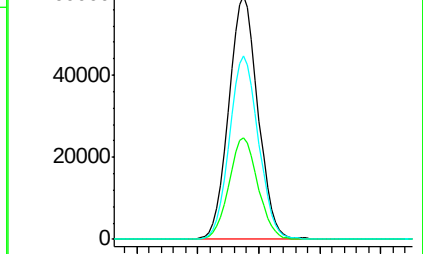
151 75.1 60.5 90.7



Abundance Ion 101.00 (100.70 to 101.70): VV006618.D (-295) (-)

Ion 85.00 (84.70 to 85.70): VV006618.D (-295) (-)

Ion 151.00 (150.70 to 151.70): VV006618.D (-295) (-)



#12

1,1-Dichloroethene

Concen: 5.057 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

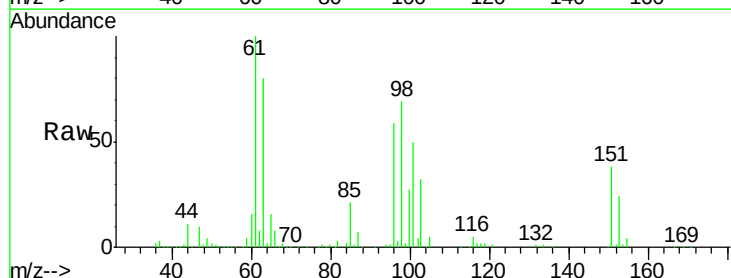
Tgt Ion: 96 Resp: 101590

Ion Ratio Lower Upper

96 100

61 168.3 114.9 213.5

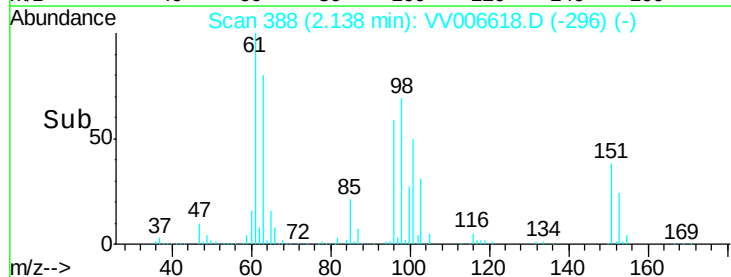
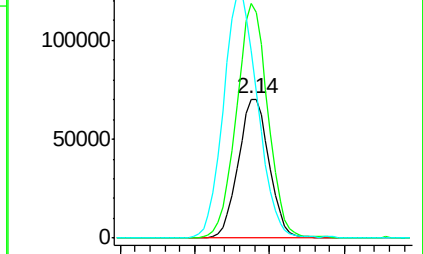
63 134.6 81.9 152.1

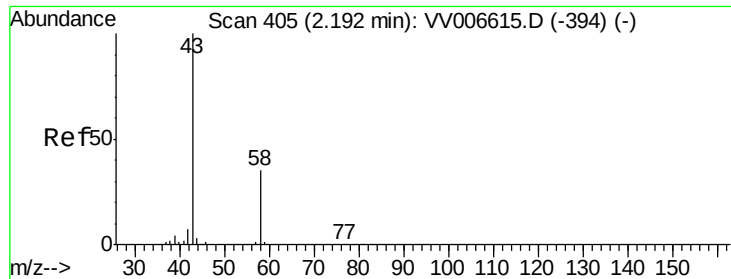


Abundance Ion 96.00 (95.70 to 96.70): VV006618.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VV006618.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VV006618.D (-296) (-)





#13

Acetone

Concen: 47.695 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

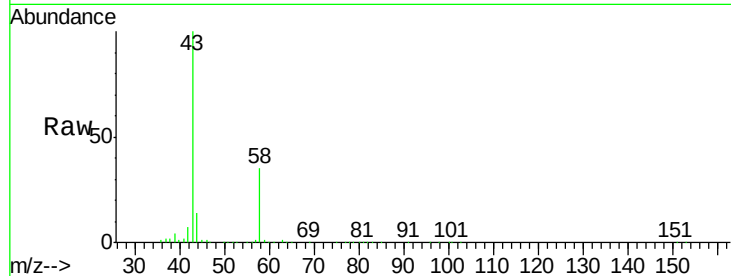
VICV80

Tgt Ion: 43 Resp: 159866

Ion Ratio Lower Upper

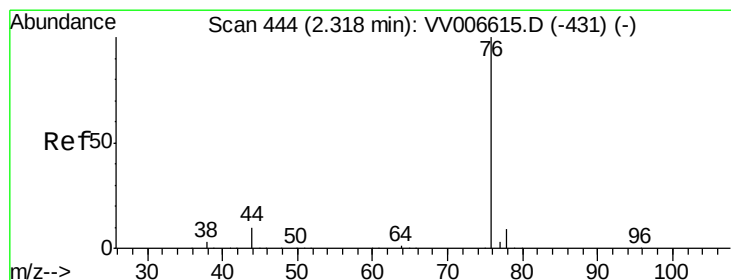
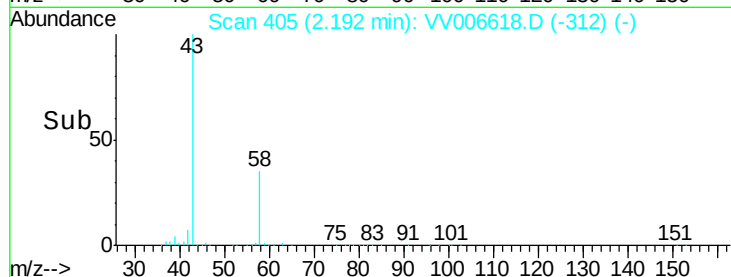
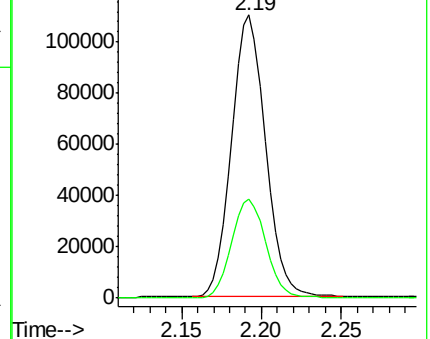
43 100

58 35.7 0.0 70.8



Abundance Ion 43.05 (42.75 to 43.75): VV006618.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV006618.D (-312) (-)



#14

Carbon disulfide

Concen: 5.185 ug/L

RT: 2.31 min Scan# 443

Delta R.T. -0.00 min

Lab File: VV006618.D

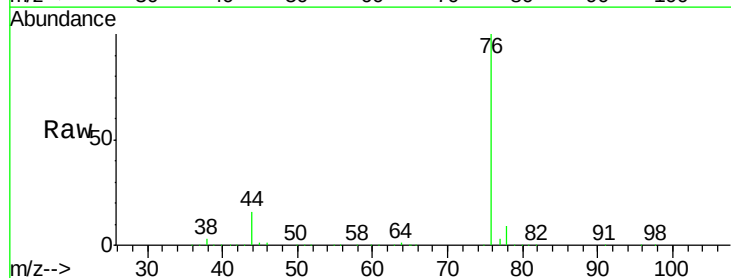
Acq: 17 Jul 2018 14:45

Tgt Ion: 76 Resp: 320907

Ion Ratio Lower Upper

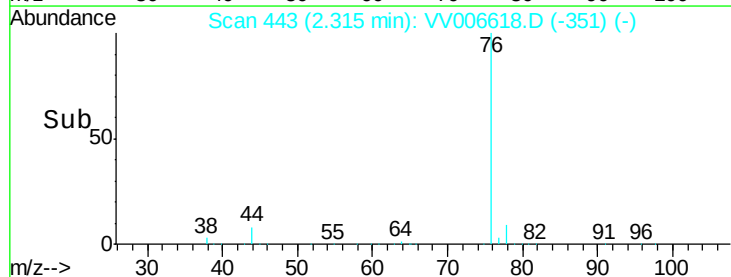
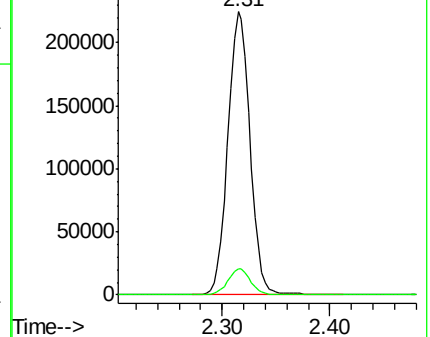
76 100

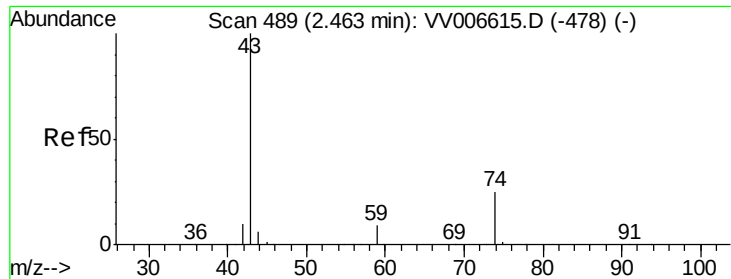
78 9.3 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV006618.D (-351) (-)

Ion 78.00 (77.70 to 78.70): VV006618.D (-351) (-)

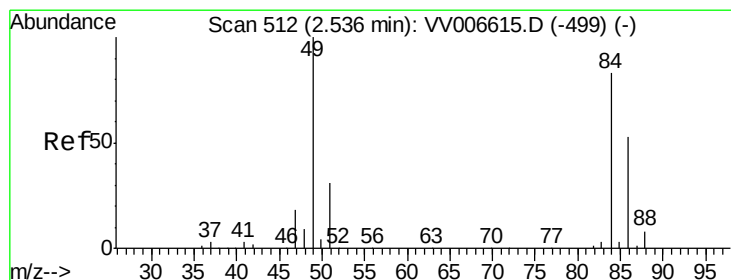
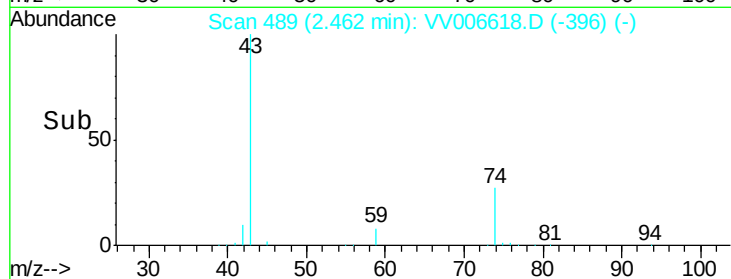
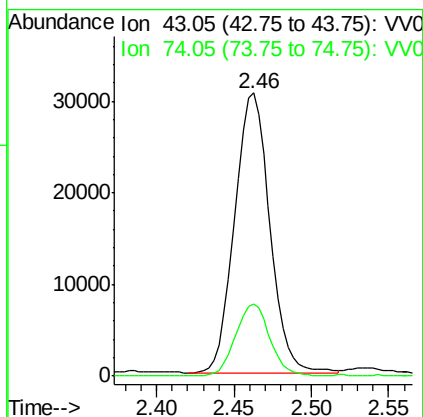
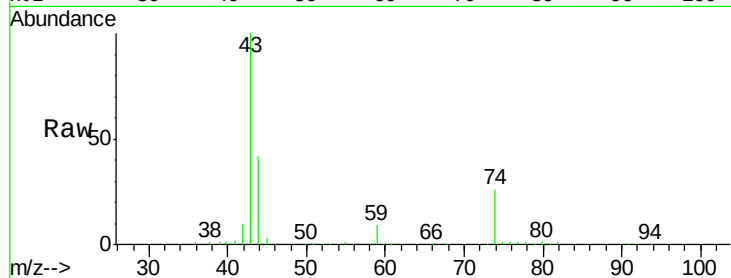




#15
Methyl Acetate
Concen: 4.656 ug/L
RT: 2.46 min Scan# 489
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

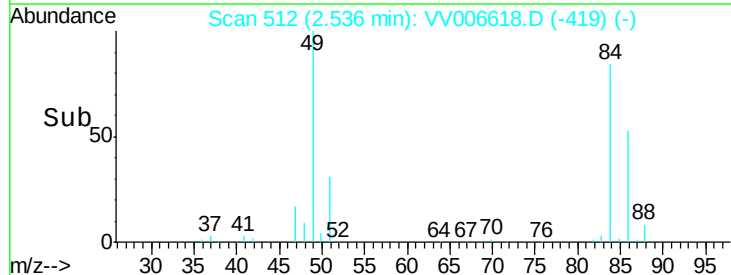
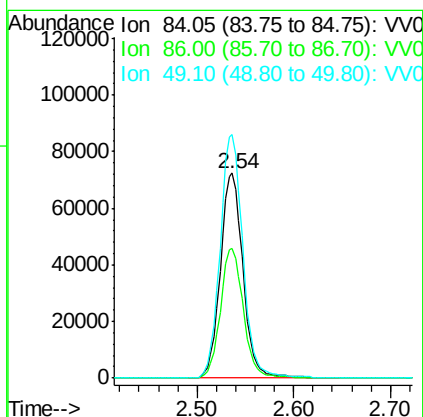
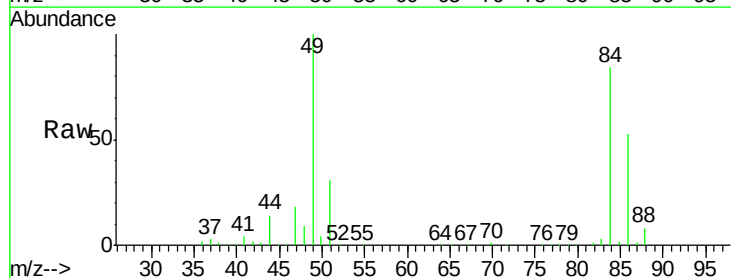
Instrument :
MSVOA_V
ClientSampleId :
VICV80

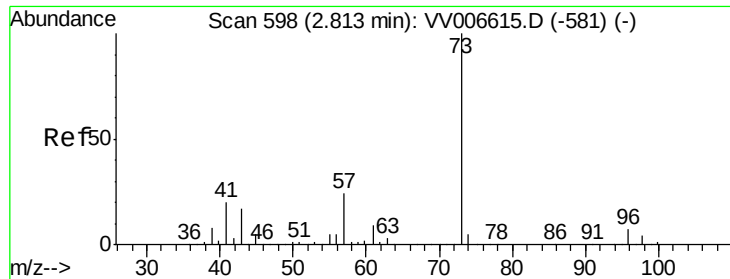
Tgt Ion: 43 Resp: 48212
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.4



#16
Methylene chloride
Concen: 4.689 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Tgt Ion: 84 Resp: 117817
Ion Ratio Lower Upper
84 100
86 63.4 45.2 84.0
49 118.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.041 ug/L

RT: 2.81 min Scan# 598

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampled :

VICV80

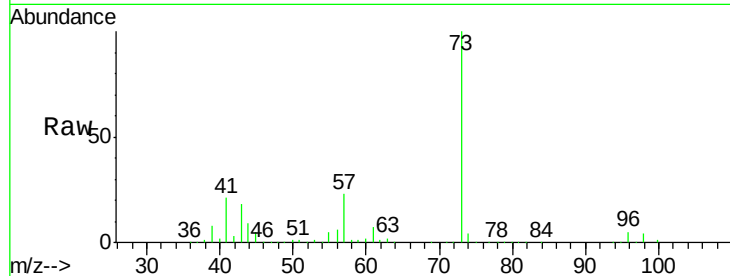
Tgt Ion: 73 Resp: 261173

Ion Ratio Lower Upper

73 100

43 17.6 13.7 20.5

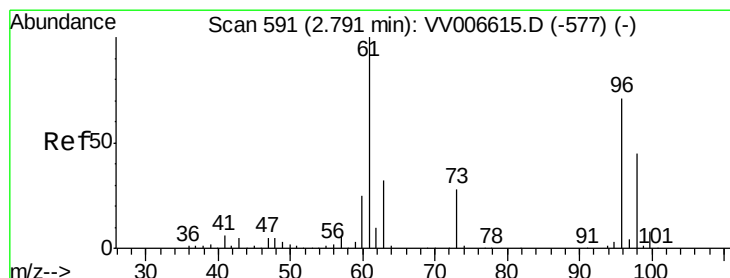
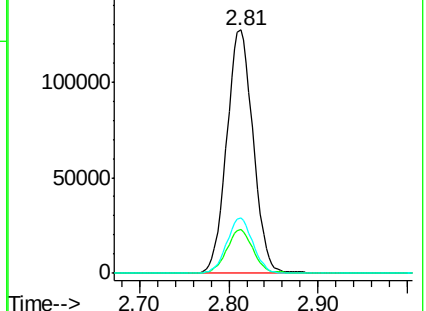
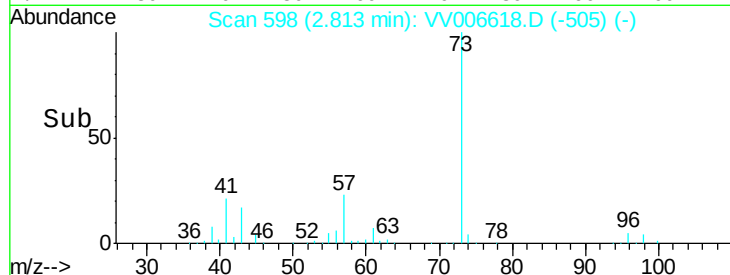
57 22.7 18.4 27.6



Abundance Ion 73.10 (72.80 to 73.80): VV006618.D (-505) (-)

Ion 43.05 (42.75 to 43.75): VV006618.D (-505) (-)

Ion 57.10 (56.80 to 57.80): VV006618.D (-505) (-)



#18

trans-1,2-Dichloroethene

Concen: 5.183 ug/L

RT: 2.79 min Scan# 590

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

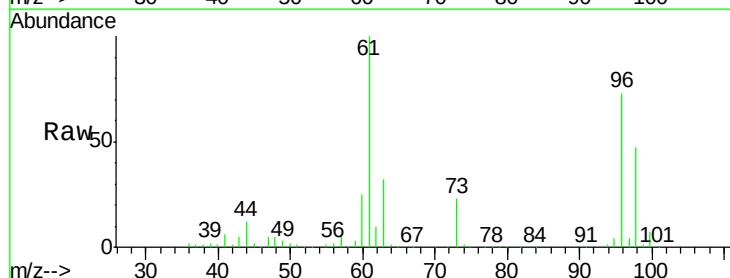
Tgt Ion: 96 Resp: 114457

Ion Ratio Lower Upper

96 100

61 137.2 98.1 182.1

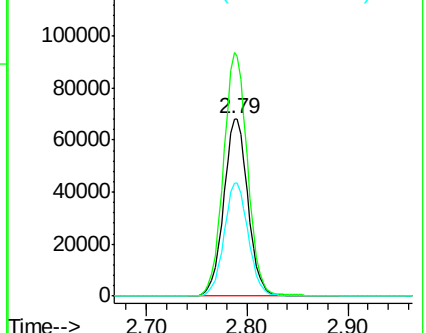
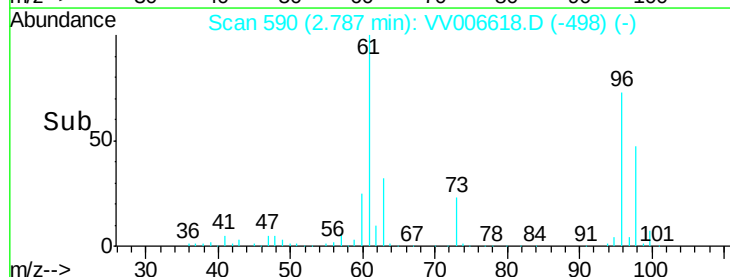
98 64.0 44.4 82.4

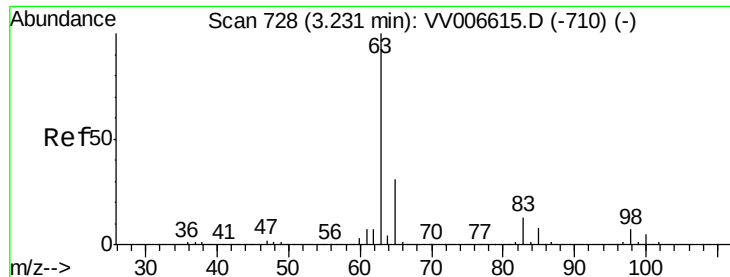


Abundance Ion 96.00 (95.70 to 96.70): VV006618.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006618.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006618.D (-498) (-)

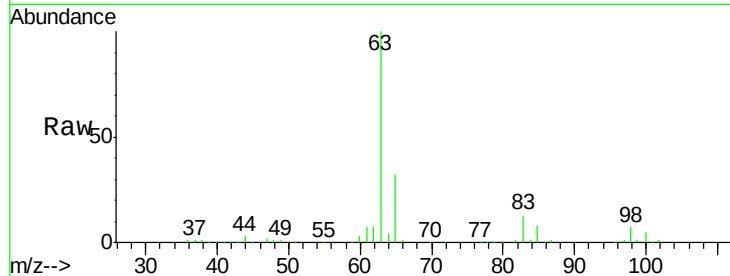




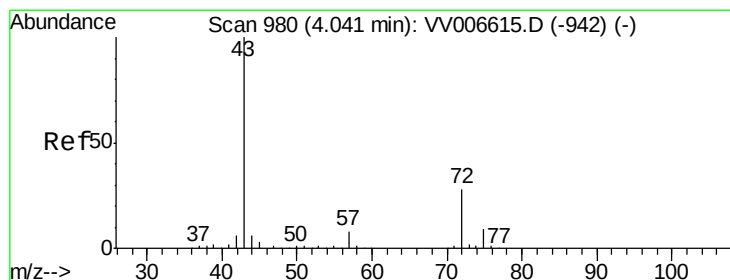
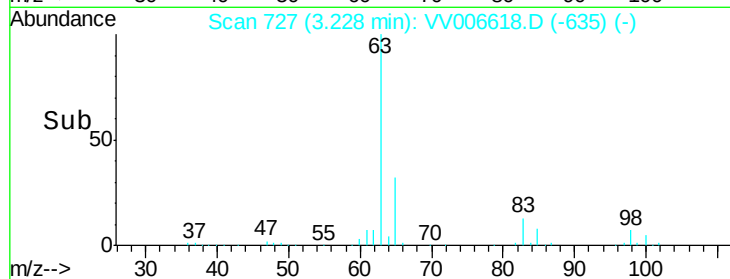
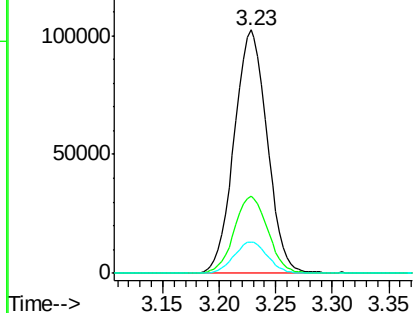
#19
 1,1-Dichloroethane
 Concen: 5.068 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV80

Tgt Ion: 63 Resp: 208321
 Ion Ratio Lower Upper
 63 100
 65 31.6 21.7 40.3
 83 13.0 9.3 17.3

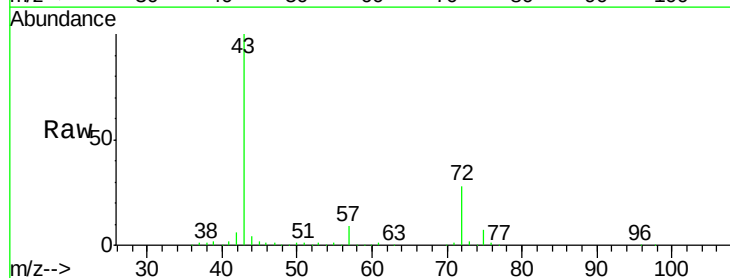


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

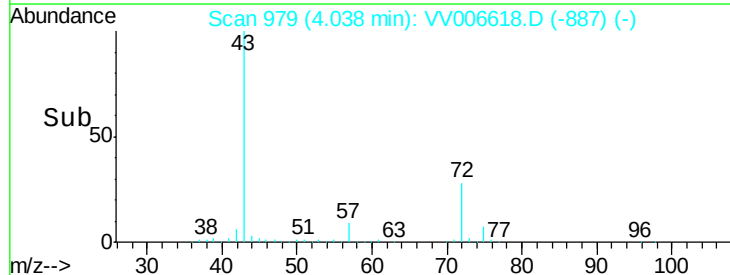
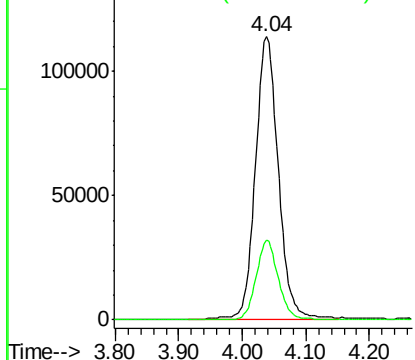


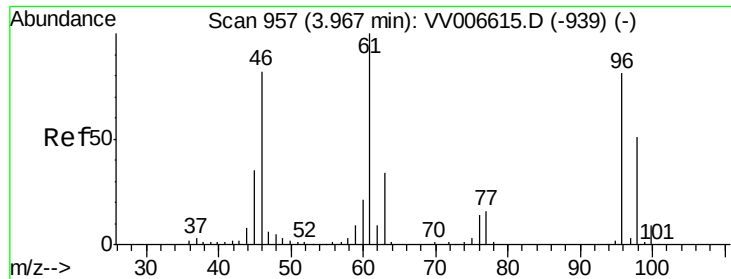
#21
 2-Butanone
 Concen: 49.141 ug/L
 RT: 4.04 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

Tgt Ion: 43 Resp: 288510
 Ion Ratio Lower Upper
 43 100
 72 26.4 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 72.10 (71.80 to 72.80): VV0



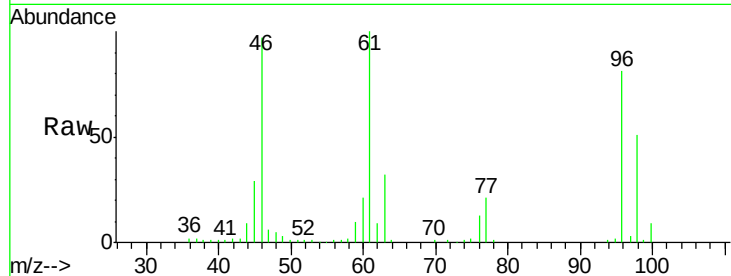


#22

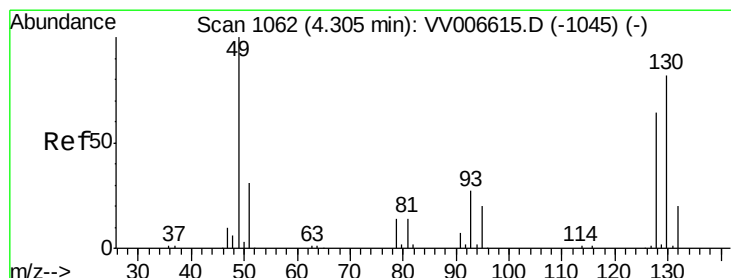
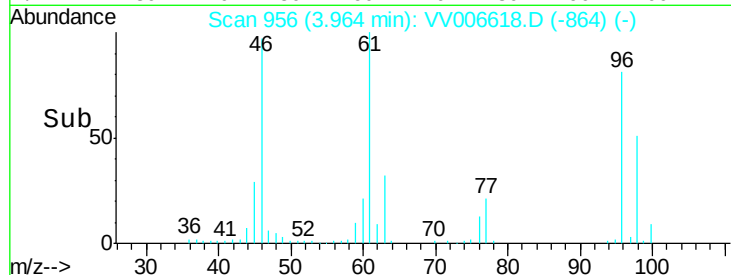
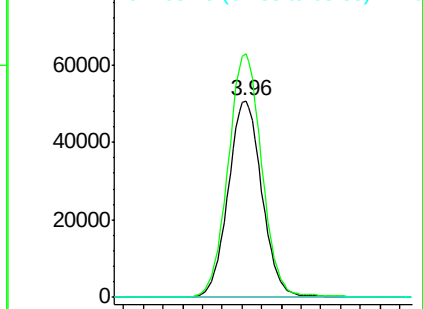
cis-1,2-Dichloroethene
Concen: 5.198 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Instrument :
MSVOA_V
ClientSampleId :
VICV80

Tgt Ion: 96 Resp: 120427
Ion Ratio Lower Upper
96 100
61 124.1 86.2 160.2
68 0.0 0.0 0.0



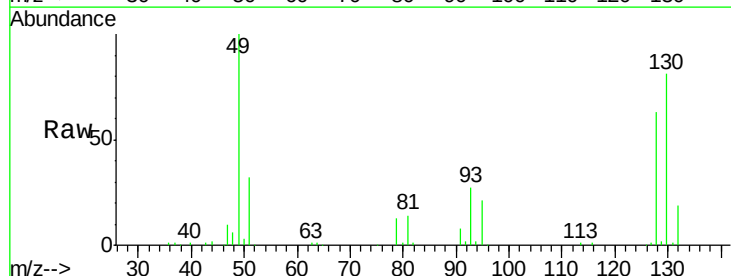
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



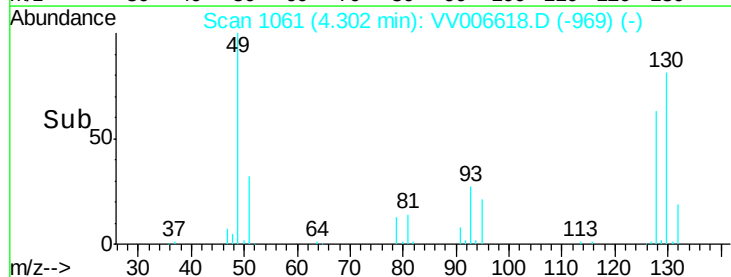
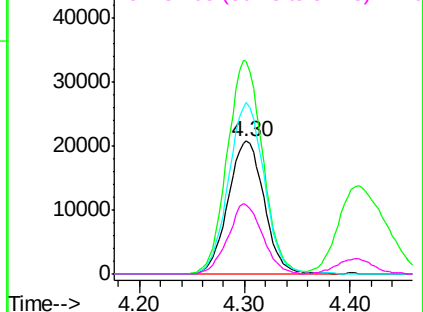
#23

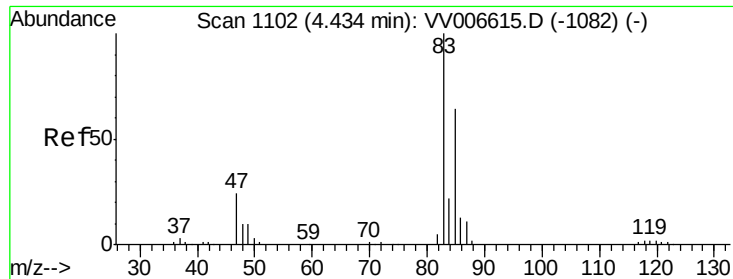
Bromochloromethane
Concen: 5.190 ug/L
RT: 4.30 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Tgt Ion: 128 Resp: 48986
Ion Ratio Lower Upper
128 100
49 159.9 108.6 201.6
130 128.8 89.4 166.0
51 51.8 38.2 57.4



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

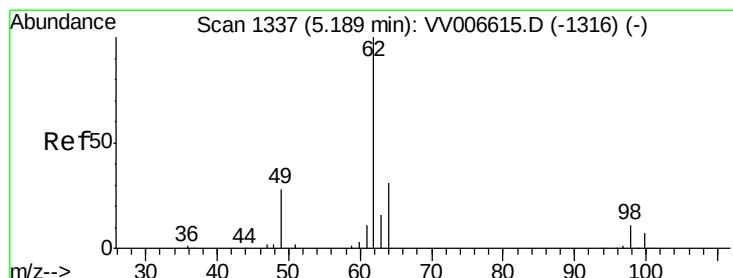
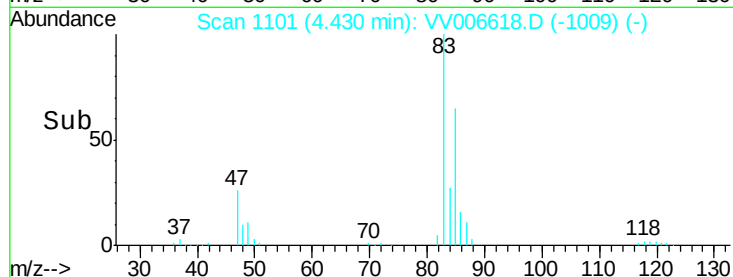
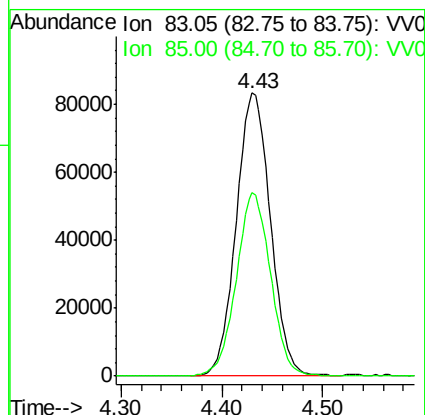
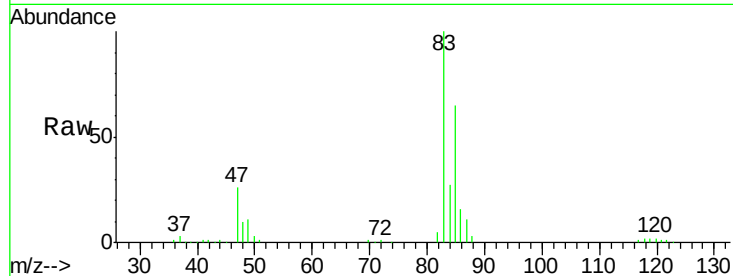




#25
Chloroform
Concen: 5.115 ug/L
RT: 4.43 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

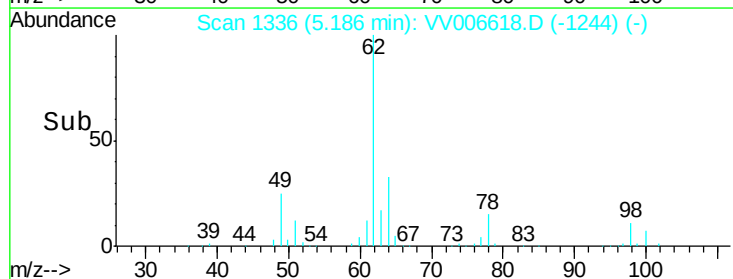
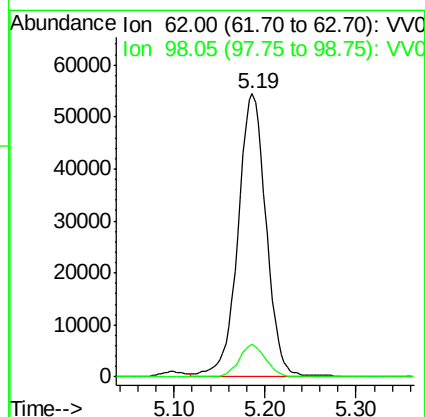
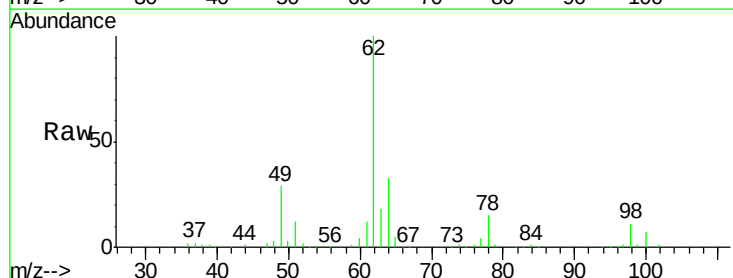
Instrument :
MSVOA_V
ClientSampleId :
VICV80

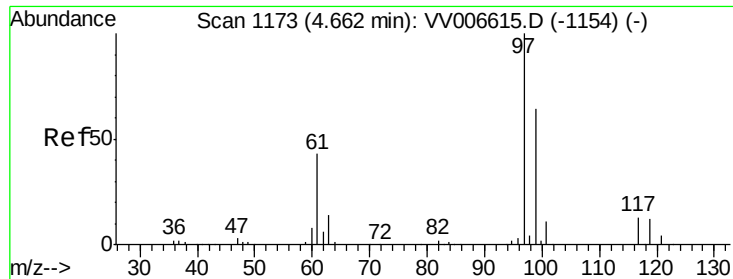
Tgt Ion: 83 Resp: 196409
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.5



#27
1,2-Dichloroethane
Concen: 5.105 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Tgt Ion: 62 Resp: 116217
Ion Ratio Lower Upper
62 100
98 11.3 8.4 12.6

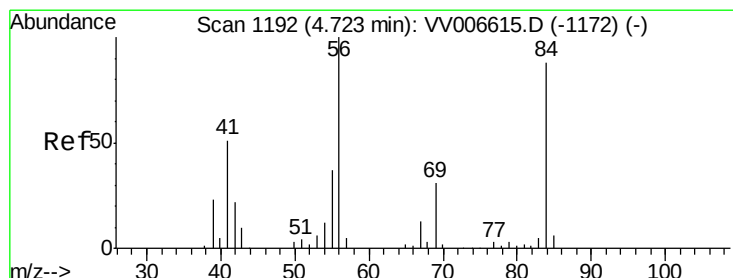
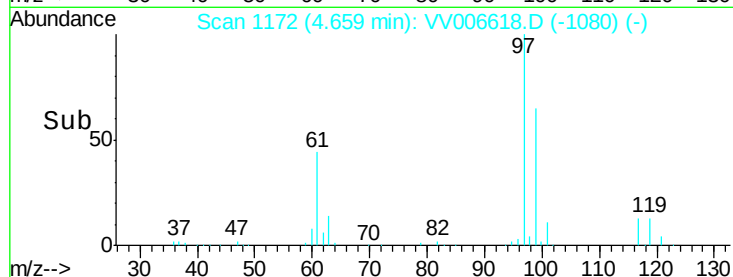
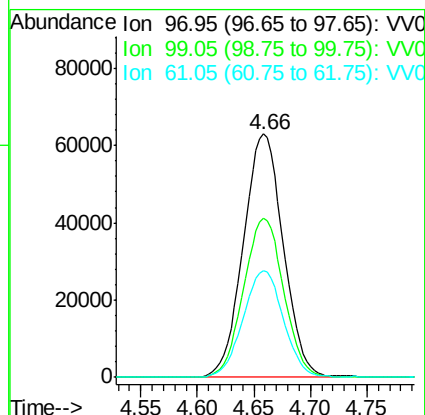
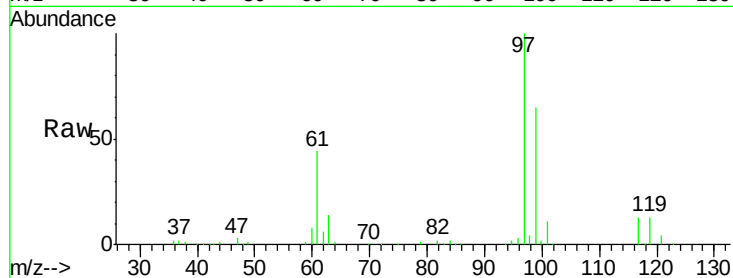




#29
1,1,1-Trichloroethane
Concen: 5.103 ug/L
RT: 4.66 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

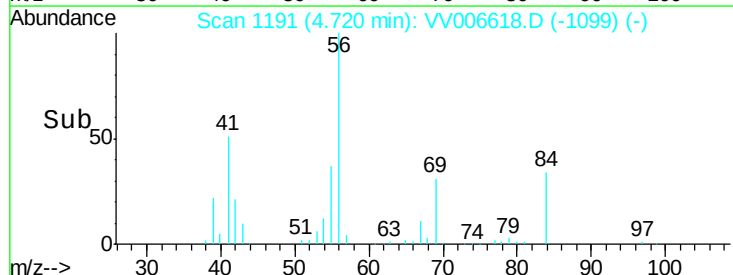
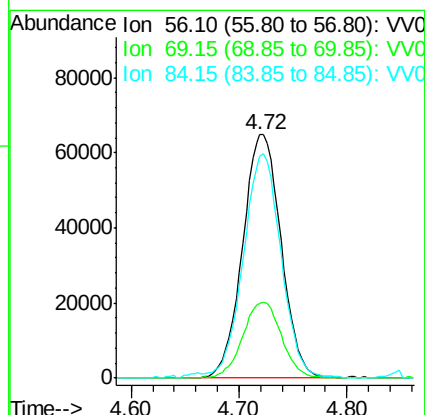
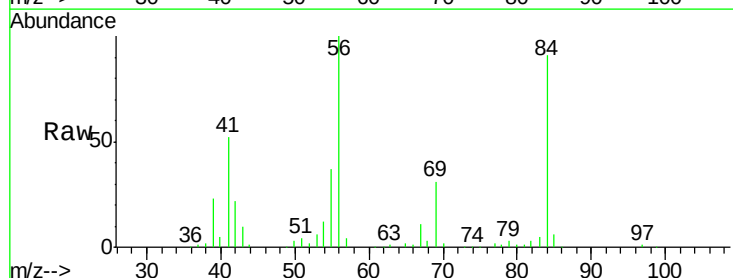
Instrument :
MSVOA_V
ClientSampleId :
VICV80

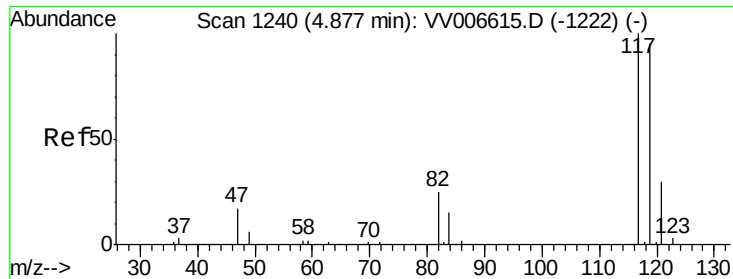
Tgt Ion: 97 Resp: 154697
Ion Ratio Lower Upper
97 100
99 65.8 51.6 77.4
61 44.4 34.7 52.1



#30
Cyclohexane
Concen: 4.964 ug/L
RT: 4.72 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Tgt Ion: 56 Resp: 160577
Ion Ratio Lower Upper
56 100
69 31.5 24.9 37.3
84 89.0 71.3 106.9





#31

Carbon tetrachloride

Concen: 5.143 ug/L

RT: 4.87 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

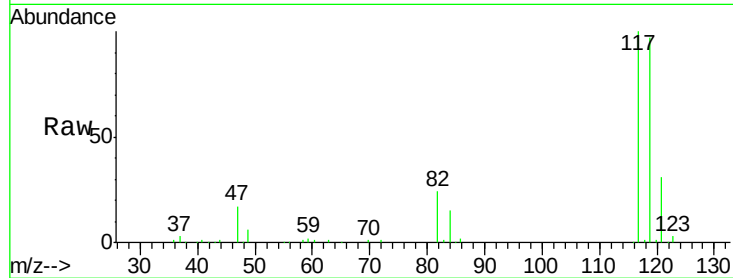
VICV80

Tgt Ion:117 Resp: 129266

Ion Ratio Lower Upper

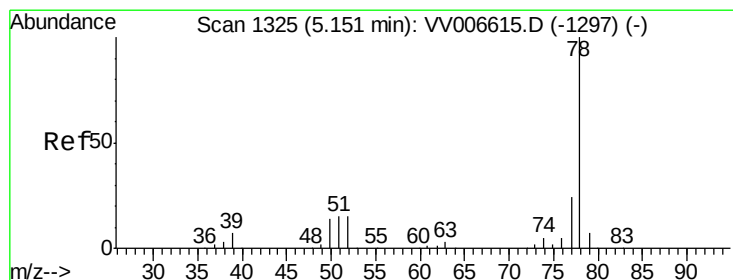
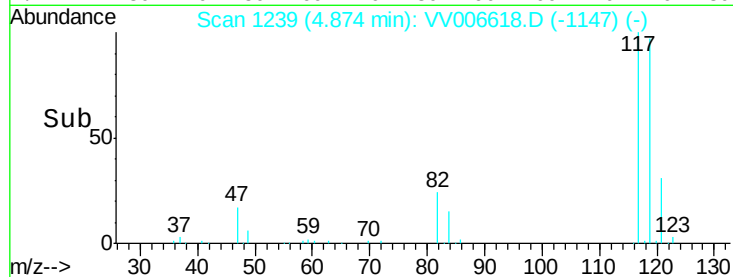
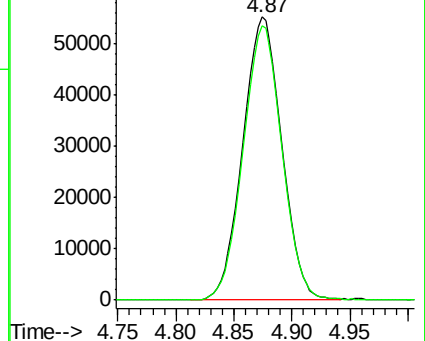
117 100

119 96.6 76.5 114.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.191 ug/L

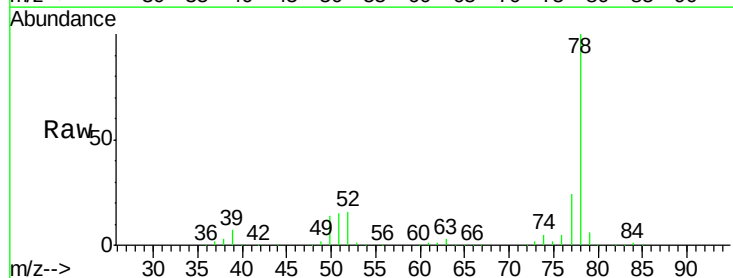
RT: 5.15 min Scan# 1324

Delta R.T. -0.00 min

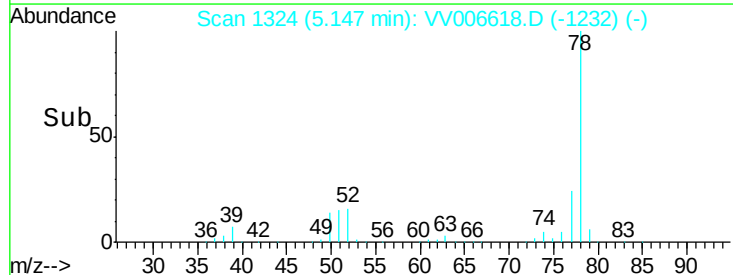
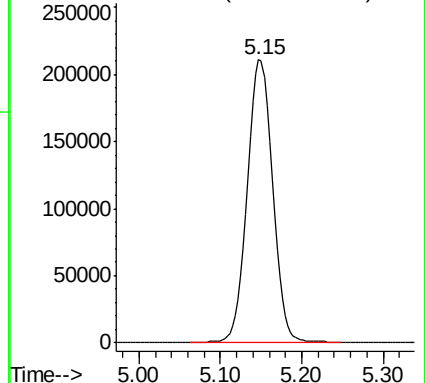
Lab File: VV006618.D

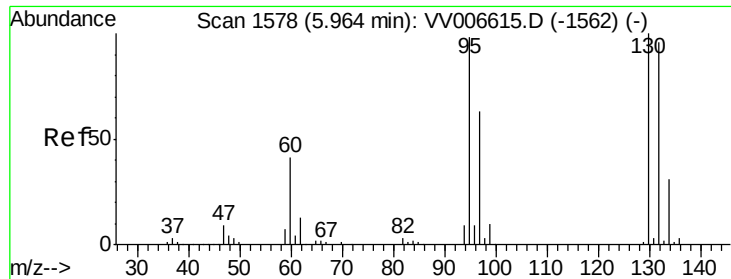
Acq: 17 Jul 2018 14:45

Tgt Ion: 78 Resp: 453542



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.217 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

VICV80

Tgt Ion: 95 Resp: 111808

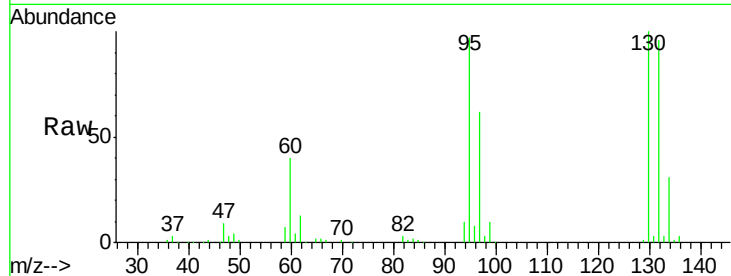
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 99.6 69.0 128.2

130 103.3 71.7 133.1

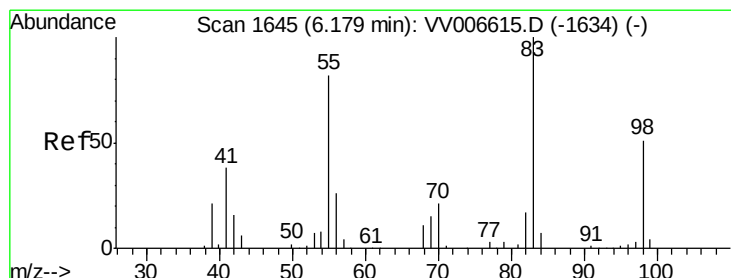
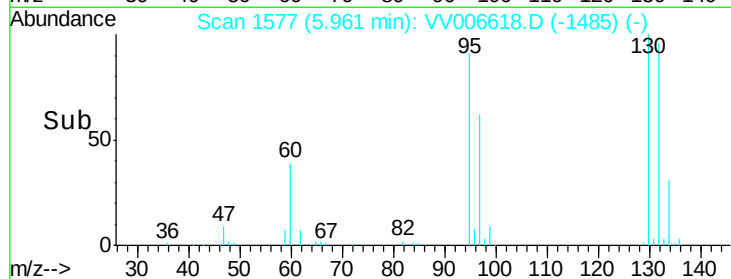
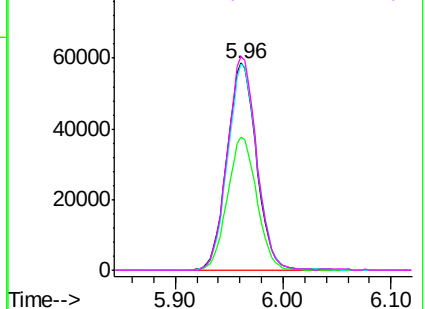


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.079 ug/L

RT: 6.18 min Scan# 1644

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

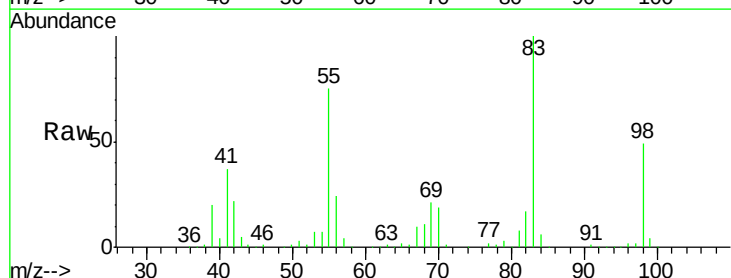
Tgt Ion: 83 Resp: 172091

Ion Ratio Lower Upper

83 100

55 75.9 60.7 91.1

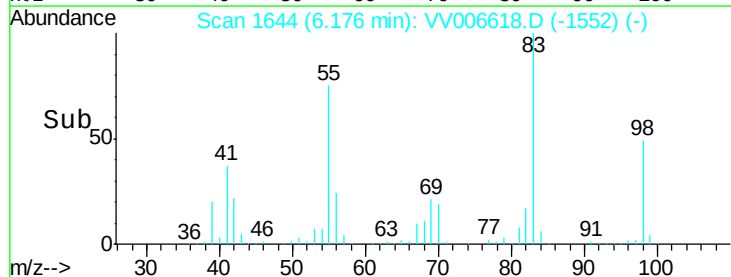
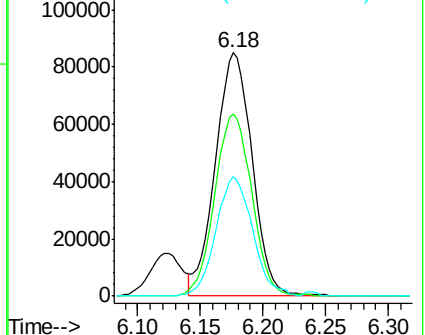
98 49.2 39.1 58.7

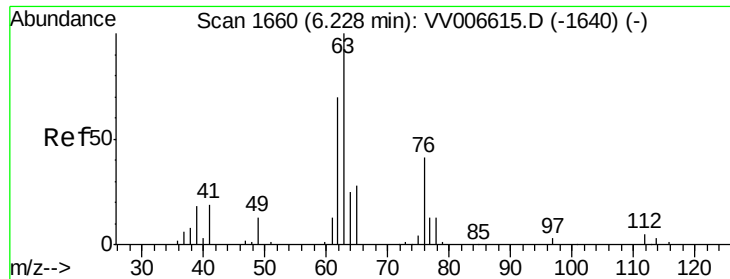


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

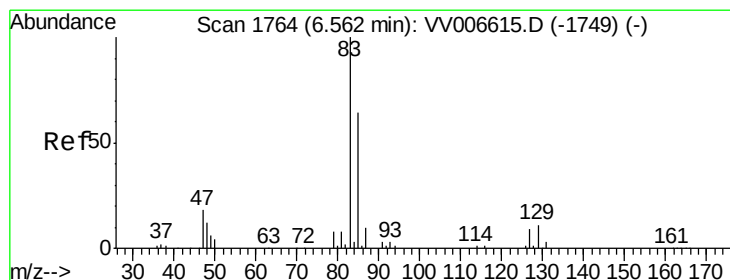
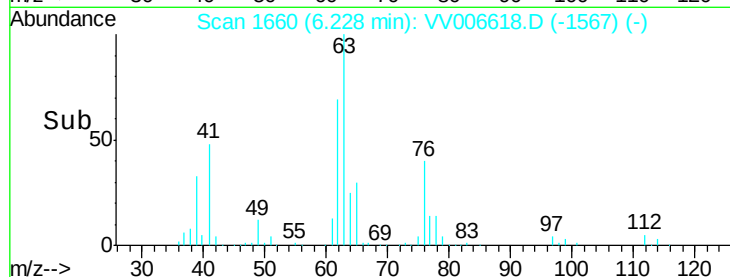
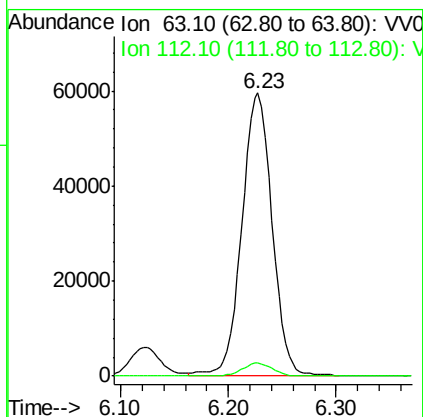
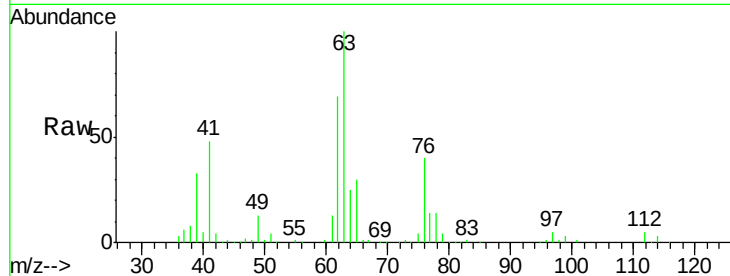




#37
 1,2-Dichloropropane
 Concen: 5.287 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

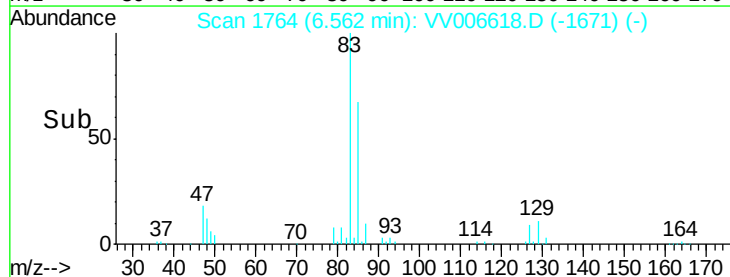
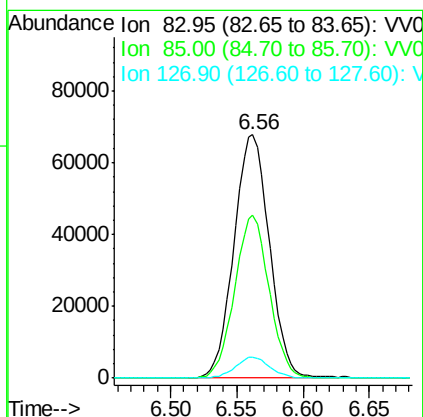
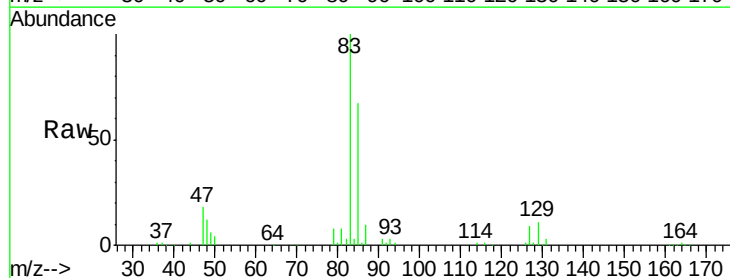
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV80

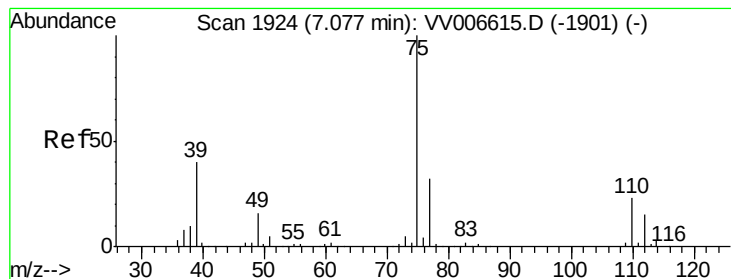
Tgt Ion: 63 Resp: 116472
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.7 5.5



#38
 Bromodichloromethane
 Concen: 5.088 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

Tgt Ion: 83 Resp: 126027
 Ion Ratio Lower Upper
 83 100
 85 66.7 44.7 83.1
 127 8.7 6.8 10.2



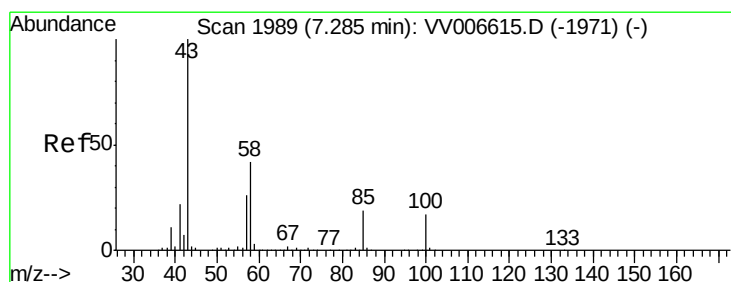
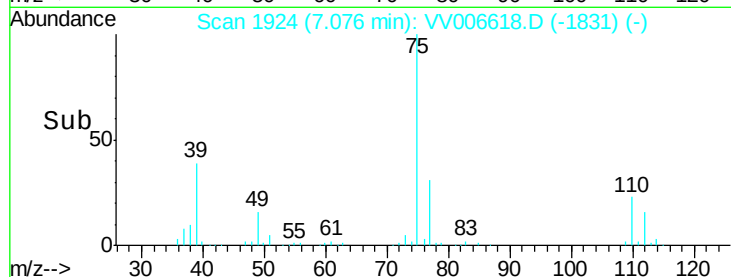
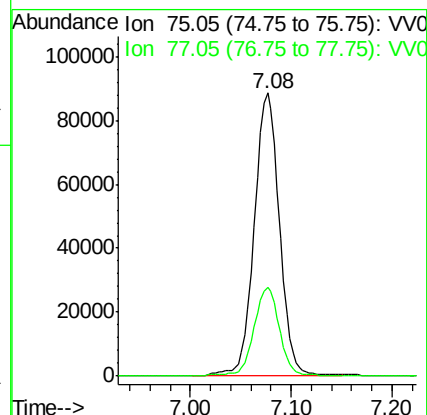
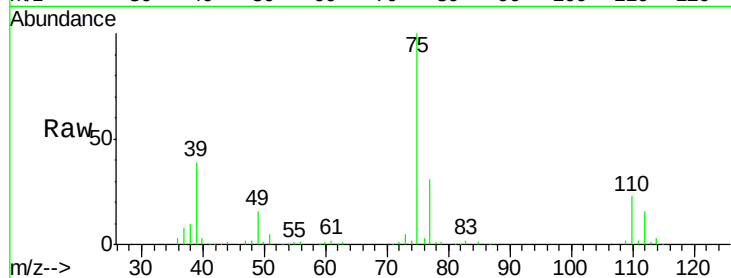


#39

cis-1,3-Dichloropropene
Concen: 5.246 ug/L
RT: 7.08 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Instrument :
MSVOA_V
ClientSampleId :
VICV80

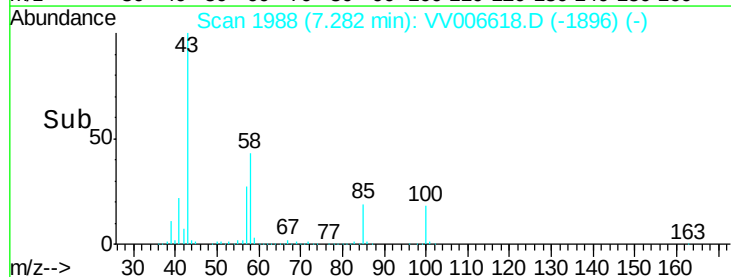
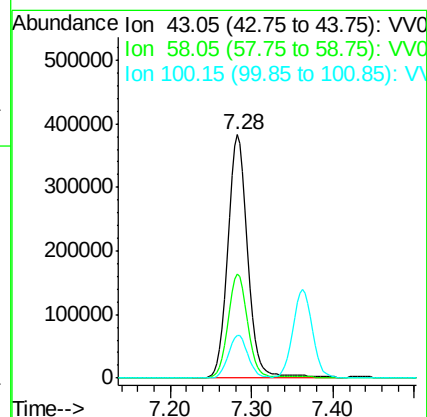
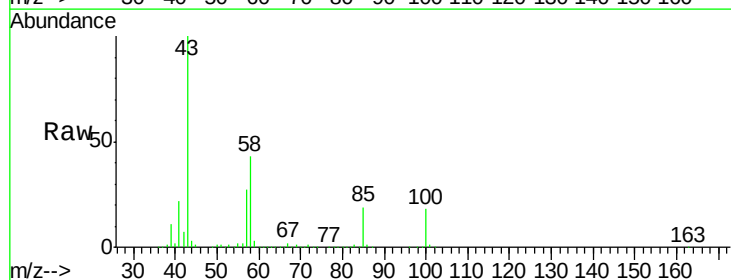
Tgt Ion: 75 Resp: 152901
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2

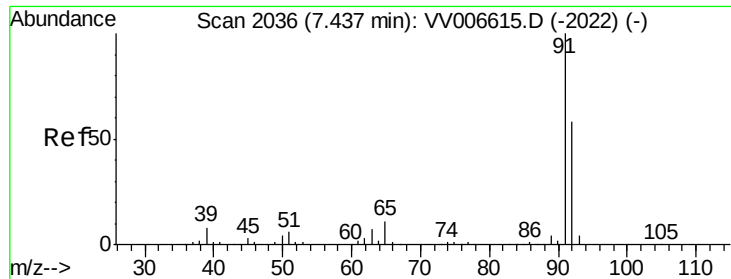


#40

4-Methyl-2-pentanone
Concen: 52.460 ug/L
RT: 7.28 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Tgt Ion: 43 Resp: 665876
Ion Ratio Lower Upper
43 100
58 41.9 33.2 49.8
100 17.4 13.5 20.3





#42

Toluene

Concen: 5.293 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

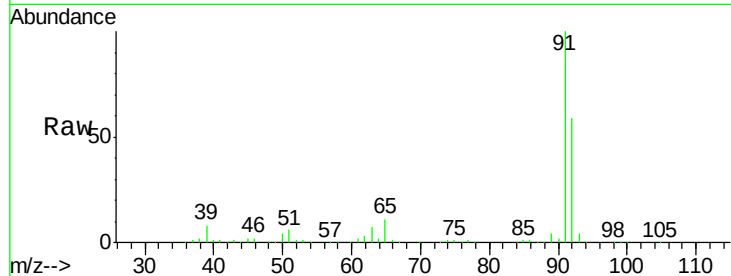
VICV80

Tgt Ion: 91 Resp: 471266

Ion Ratio Lower Upper

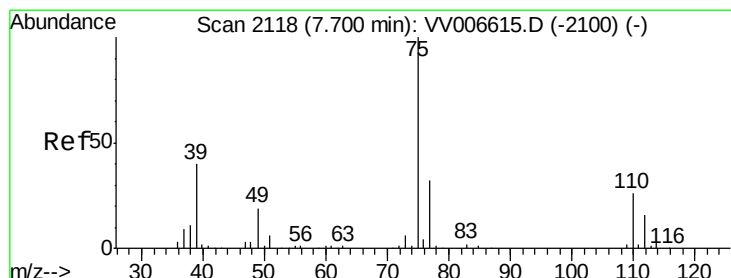
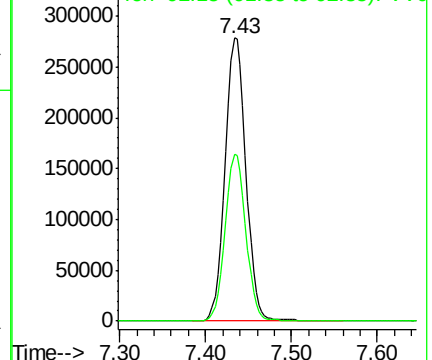
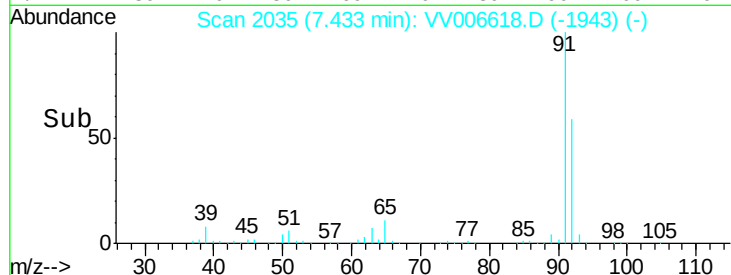
91 100

92 58.7 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV006618.D (-1943) (-)

Ion 92.15 (91.85 to 92.85): VV006618.D (-1943) (-)



#44

trans-1,3-Dichloropropene

Concen: 5.358 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV006618.D

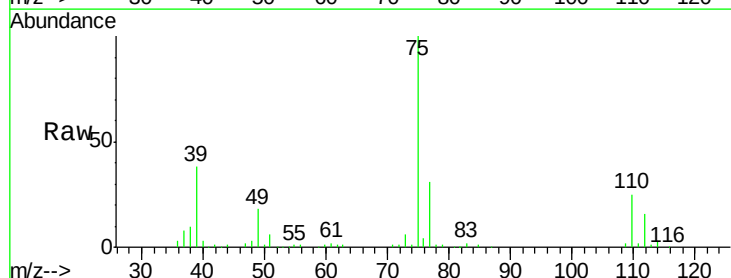
Acq: 17 Jul 2018 14:45

Tgt Ion: 75 Resp: 121210

Ion Ratio Lower Upper

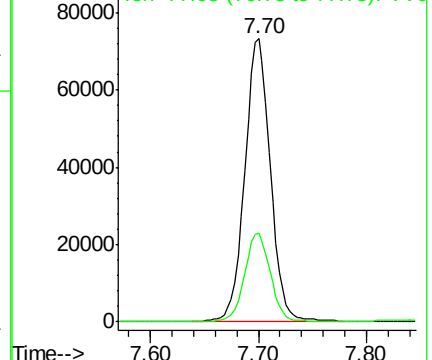
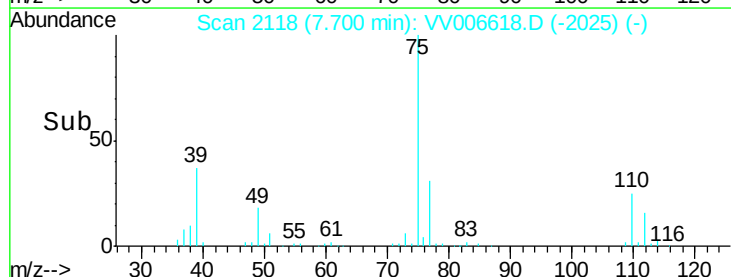
75 100

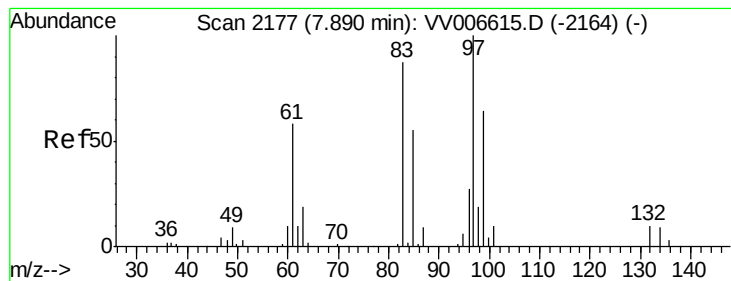
77 31.4 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV006618.D (-2025) (-)

Ion 77.05 (76.75 to 77.75): VV006618.D (-2025) (-)





#45

1,1,2-Trichloroethane

Concen: 5.092 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

VICV80

Tgt Ion: 97 Resp: 78729

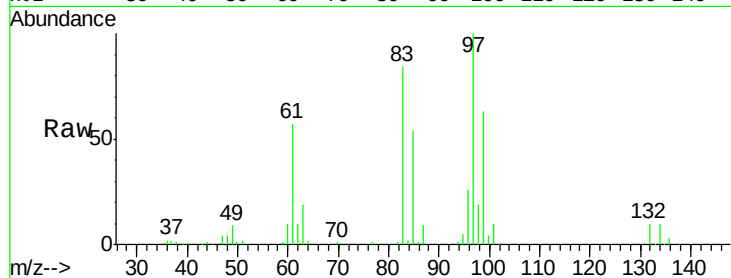
Ion Ratio Lower Upper

97 100

99 62.7 44.9 83.3

83 84.2 61.1 113.5

85 54.0 38.4 71.4

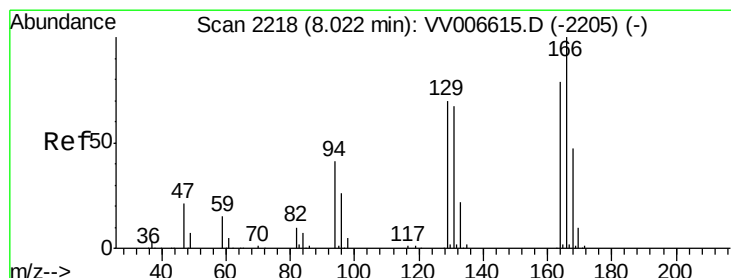
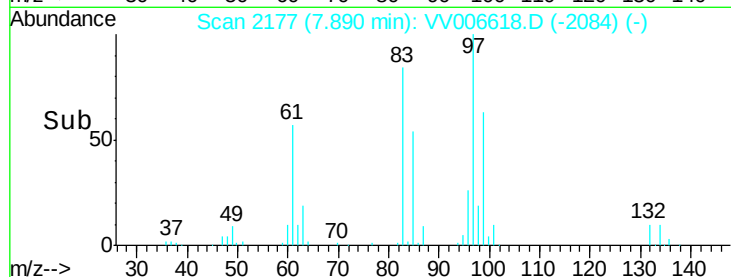
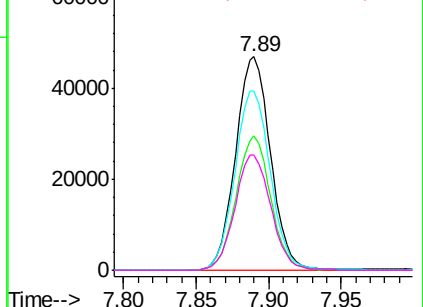


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 5.109 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Tgt Ion: 164 Resp: 87420

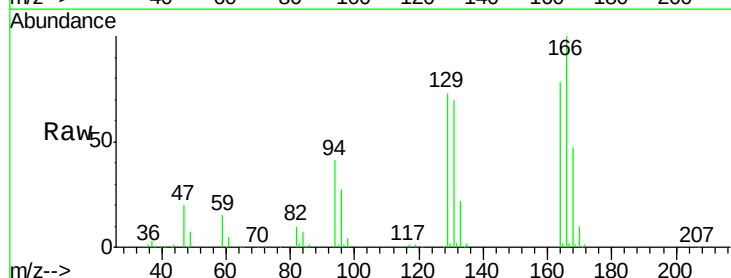
Ion Ratio Lower Upper

164 100

129 93.3 62.7 116.5

131 90.5 60.0 111.4

166 128.5 89.0 165.4

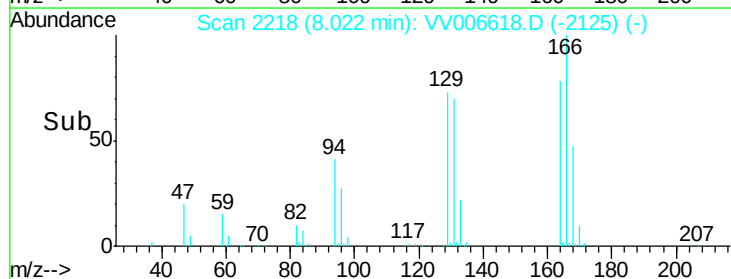
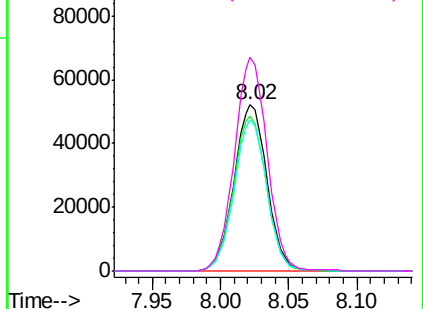


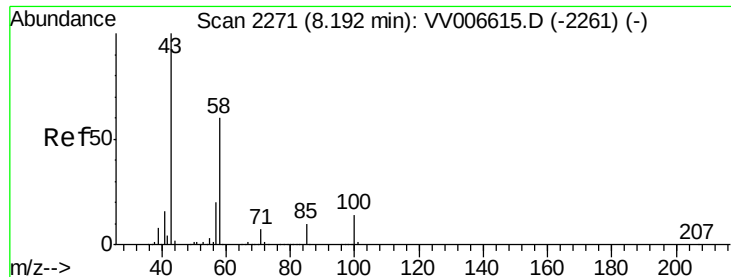
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

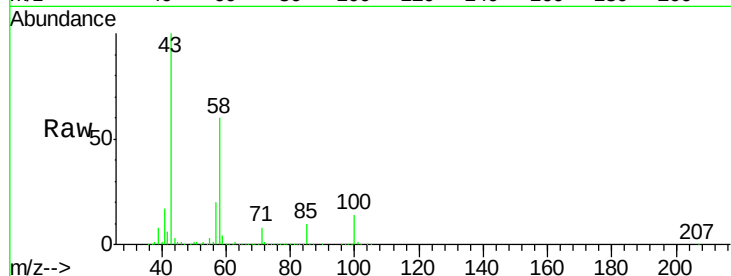




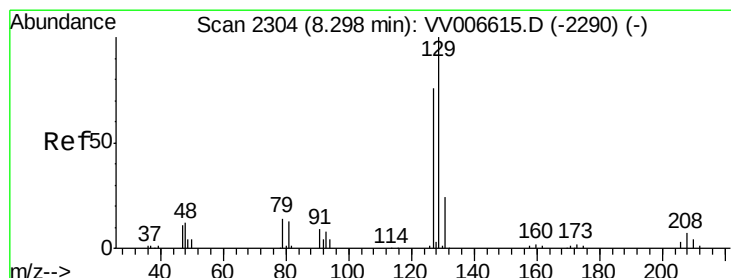
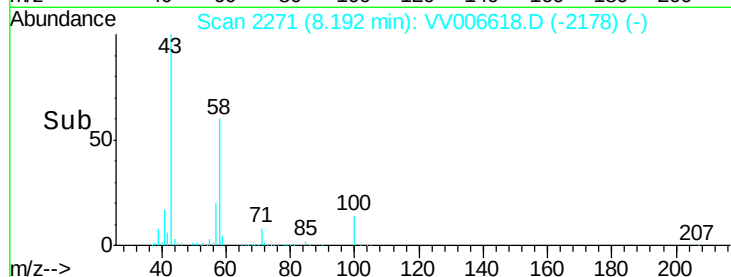
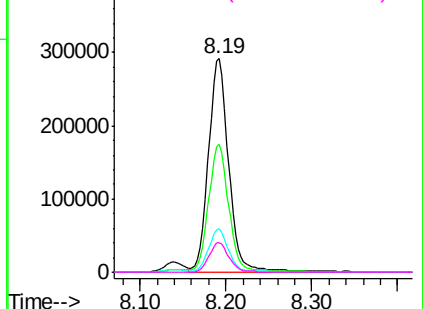
#48
2-Hexanone
Concen: 52.935 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Instrument :
MSVOA_V
ClientSampleId :
VICV80

Tgt Ion: 43 Resp: 479338
Ion Ratio Lower Upper
43 100
58 60.3 48.2 72.4
57 19.8 16.2 24.4
100 14.0 11.0 16.4

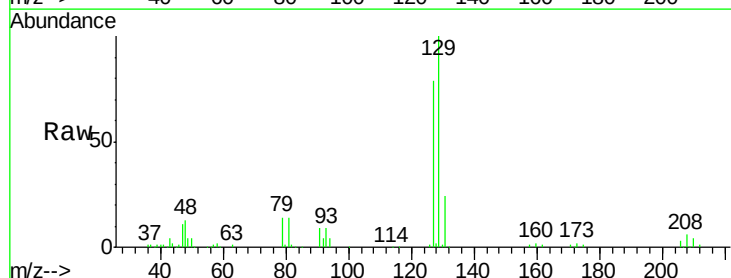


Abundance Ion 43.05 (42.75 to 43.75): VV006618.D (-2178) (-)
Ion 58.05 (57.75 to 58.75): VV006618.D (-2178) (-)
Ion 57.20 (56.90 to 57.90): VV006618.D (-2178) (-)
Ion 100.15 (99.85 to 100.85): VV006618.D (-2178) (-)

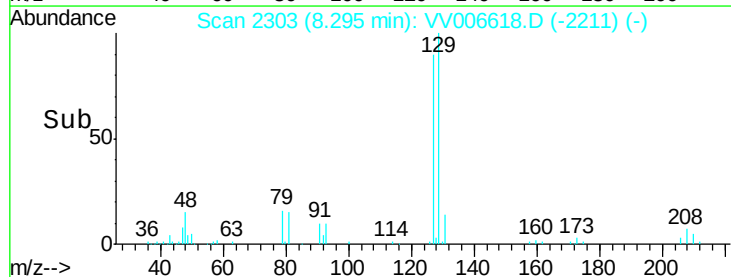
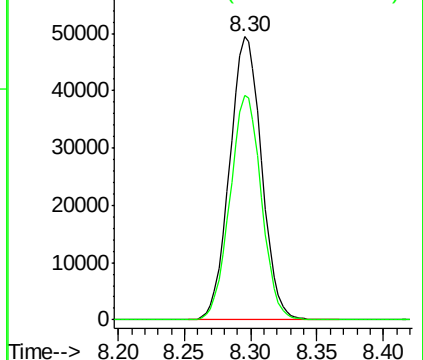


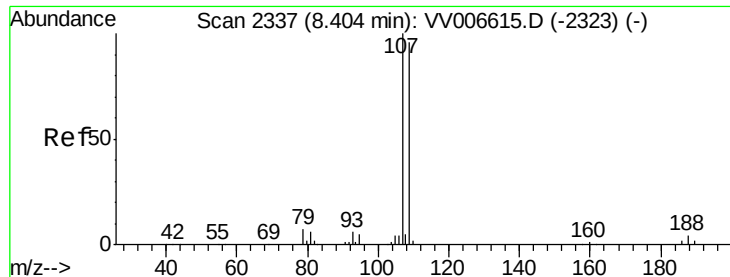
#49
Dibromochloromethane
Concen: 5.285 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Tgt Ion: 129 Resp: 82843
Ion Ratio Lower Upper
129 100
127 79.5 53.2 98.8



Abundance Ion 128.95 (128.65 to 129.65): VV006618.D (-2211) (-)
Ion 126.90 (126.60 to 127.60): VV006618.D (-2211) (-)

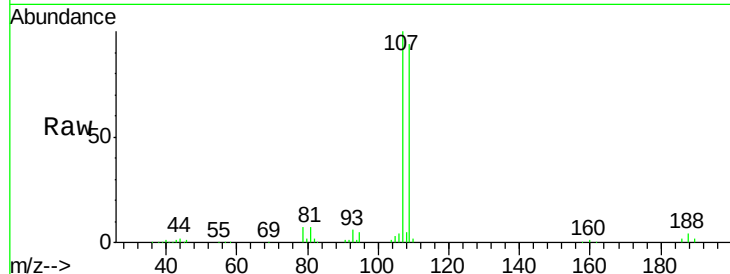




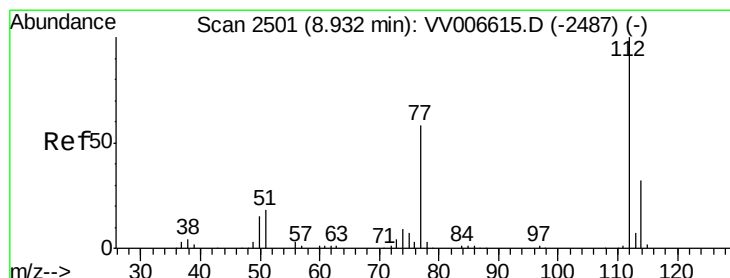
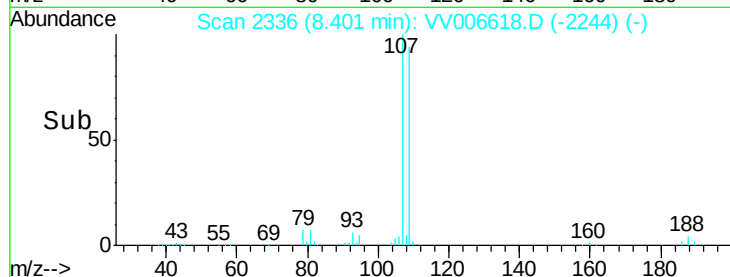
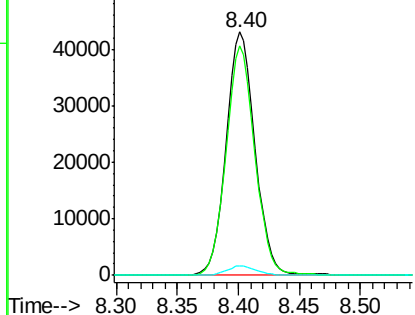
#50
1,2-Dibromoethane
Concen: 5.180 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Instrument :
MSVOA_V
ClientSampleId :
VICV80

Tgt Ion:107 Resp: 71286
Ion Ratio Lower Upper
107 100
109 94.3 67.1 124.5
188 3.9 3.3 4.9

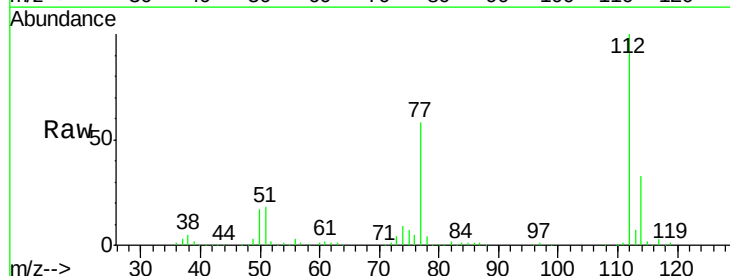


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

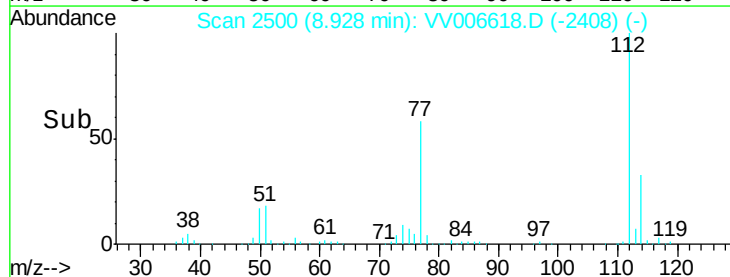
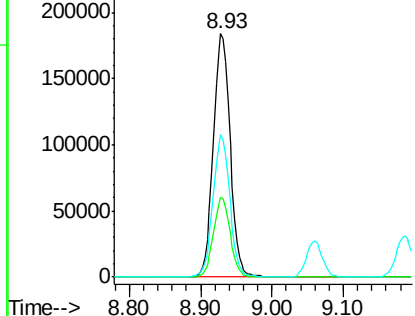


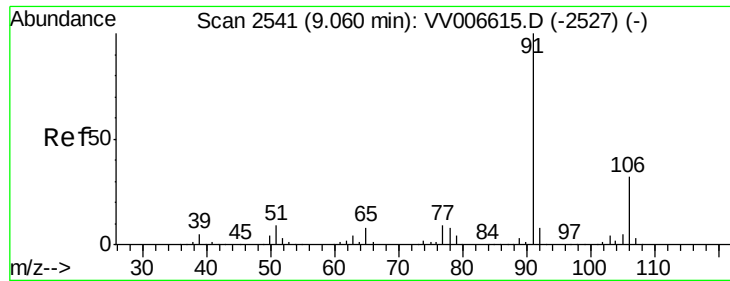
#51
Chlorobenzene
Concen: 5.214 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006618.D
Acq: 17 Jul 2018 14:45

Tgt Ion:112 Resp: 301946
Ion Ratio Lower Upper
112 100
114 32.9 22.6 42.0
77 58.3 46.2 69.4



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.274 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

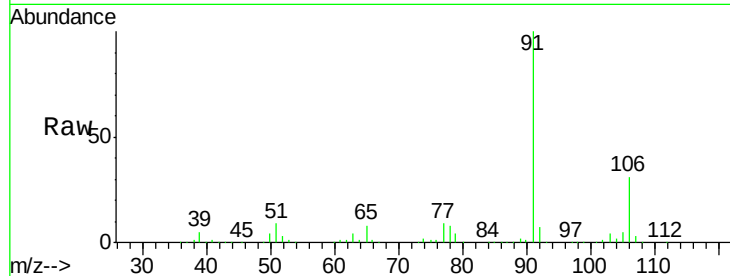
VICV80

Tgt Ion: 91 Resp: 496275

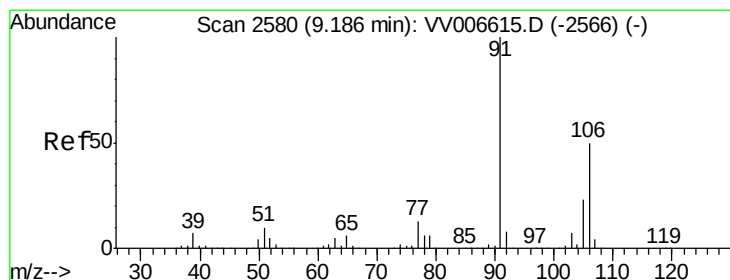
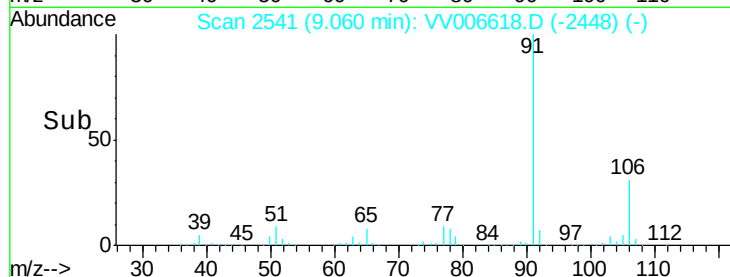
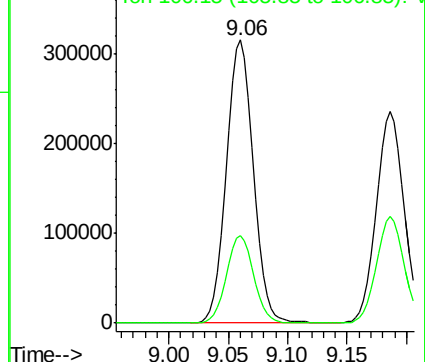
Ion Ratio Lower Upper

91 100

106 30.8 22.2 41.2



Abundance Ion 91.15 (90.85 to 91.85): VV006615.D (-2527) (-)



#53

m,p-xylene

Concen: 5.315 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006618.D

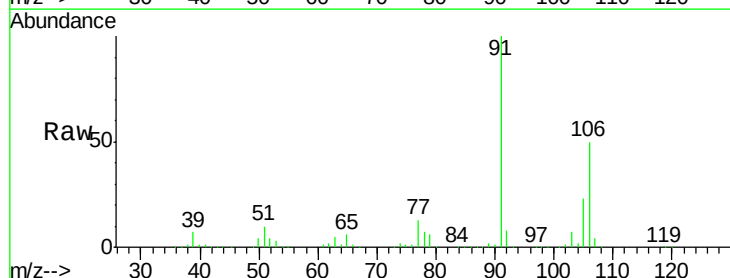
Acq: 17 Jul 2018 14:45

Tgt Ion: 106 Resp: 192153

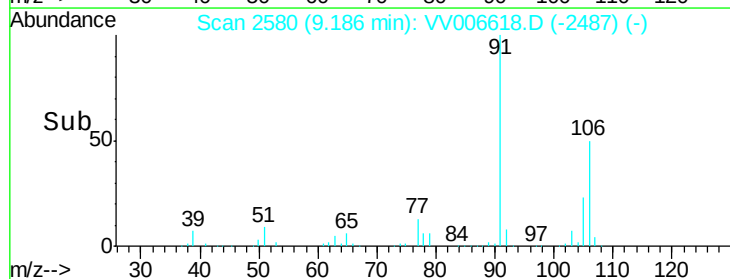
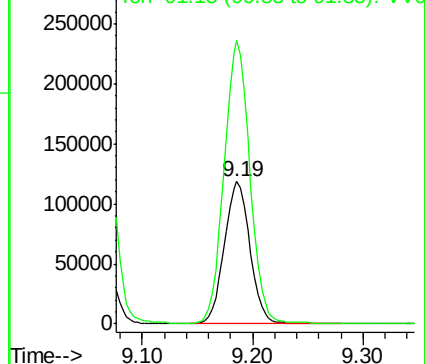
Ion Ratio Lower Upper

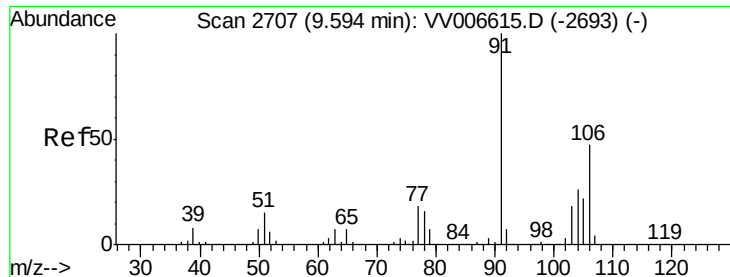
106 100

91 199.0 140.3 260.5



Abundance Ion 106.15 (105.85 to 106.85): VV006615.D (-2566) (-)





#54

o-xylene

Concen: 5.362 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampled :

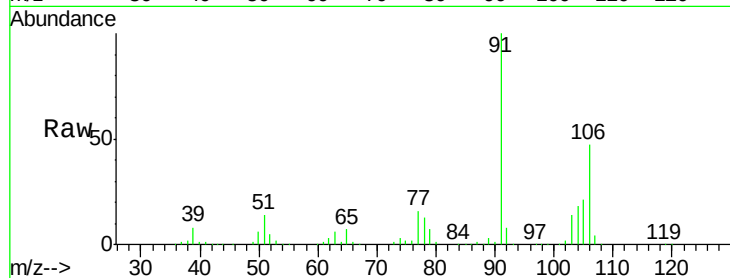
VICV80

Tgt Ion:106 Resp: 188717

Ion Ratio Lower Upper

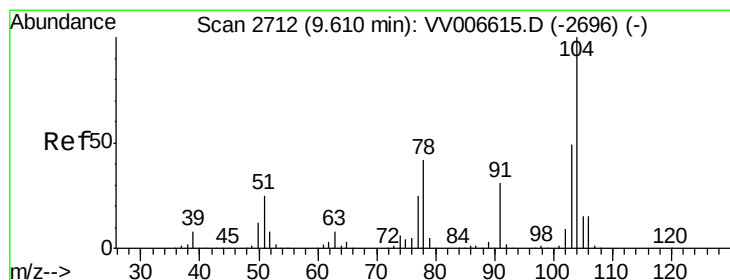
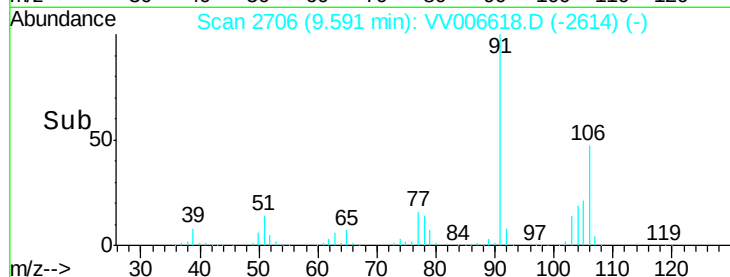
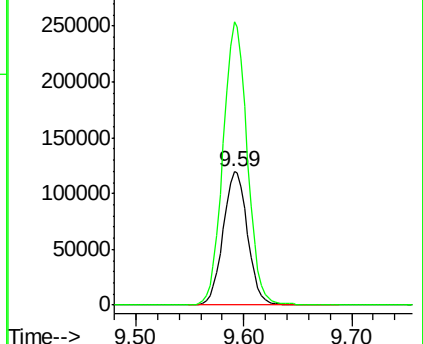
106 100

91 212.8 149.0 276.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.433 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV006618.D

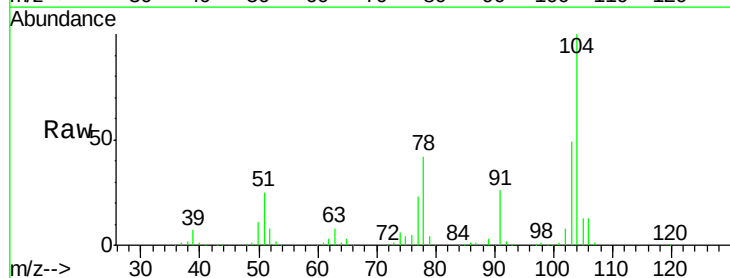
Acq: 17 Jul 2018 14:45

Tgt Ion:104 Resp: 328087

Ion Ratio Lower Upper

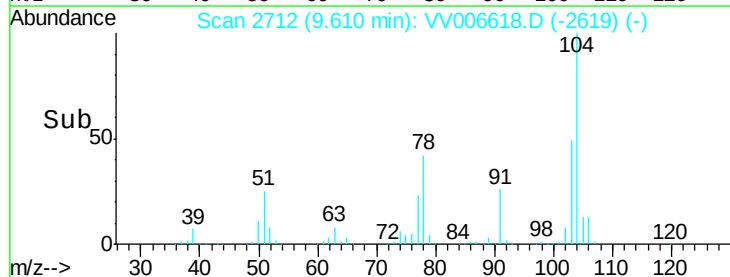
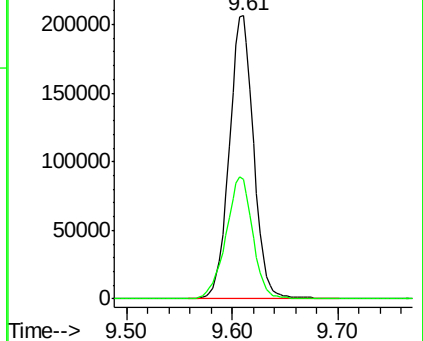
104 100

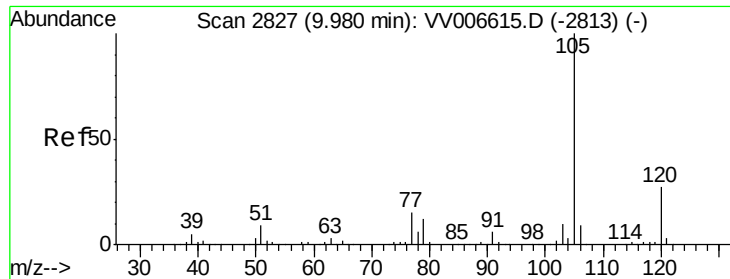
78 42.1 29.6 55.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.280 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

VICV80

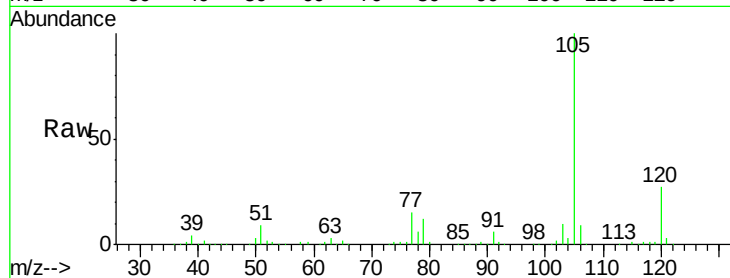
Tgt Ion: 105 Resp: 475557

Ion Ratio Lower Upper

105 100

120 26.9 21.4 32.2

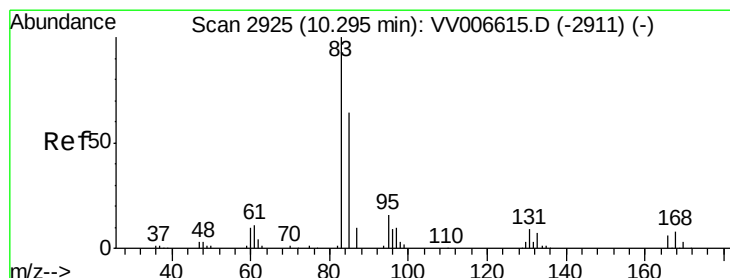
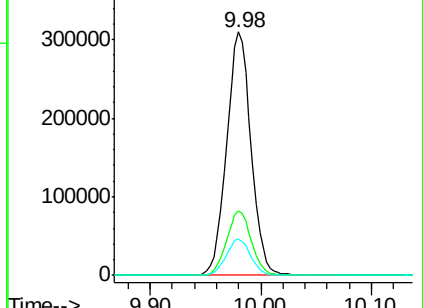
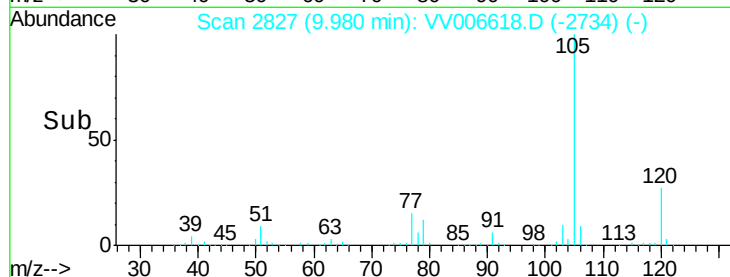
77 14.9 12.0 18.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.101 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

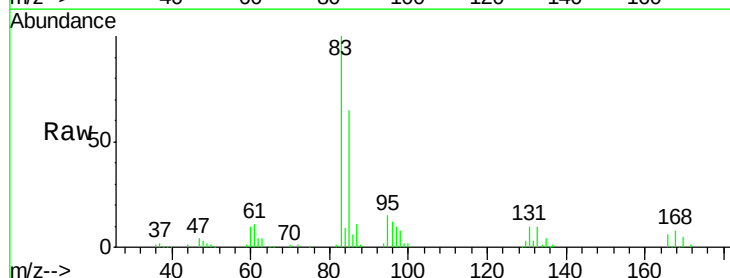
Tgt Ion: 83 Resp: 97614

Ion Ratio Lower Upper

83 100

85 65.4 45.3 84.1

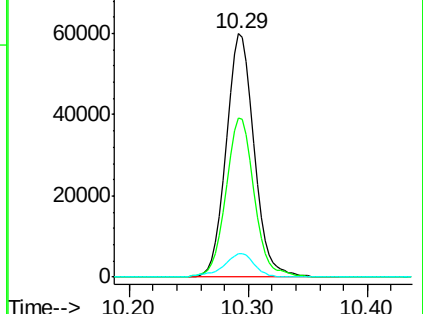
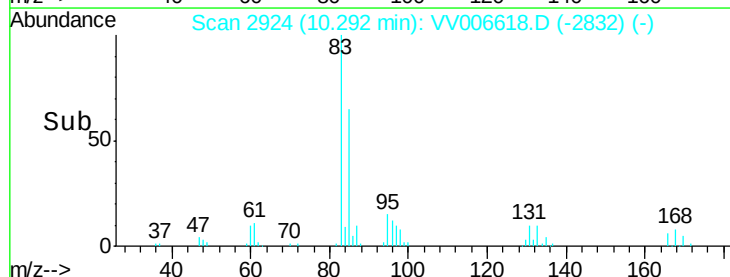
131 9.6 7.7 11.5

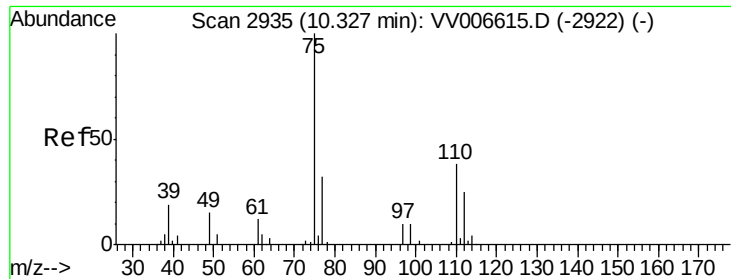


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

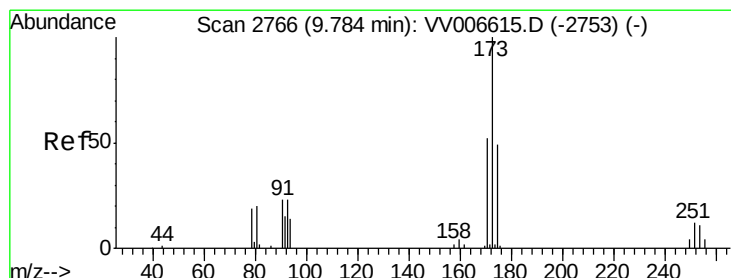
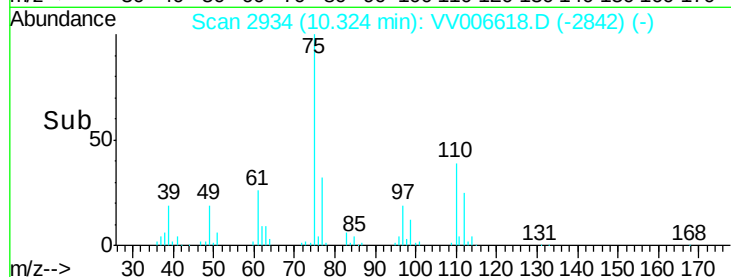
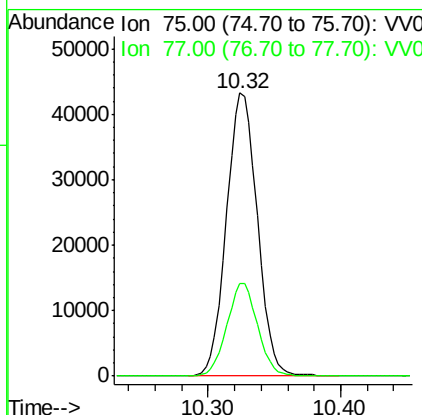
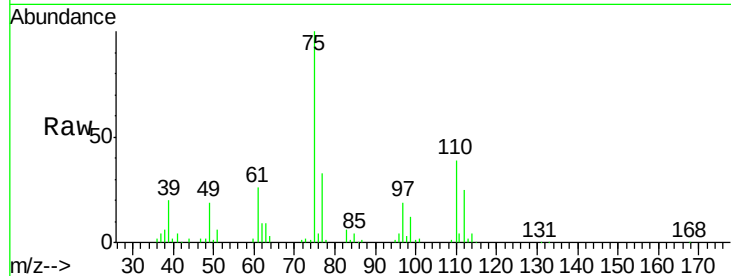




#59
 1,2,3-Trichloropropane
 Concen: 5.105 ug/L
 RT: 10.32 min Scan# 2934
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

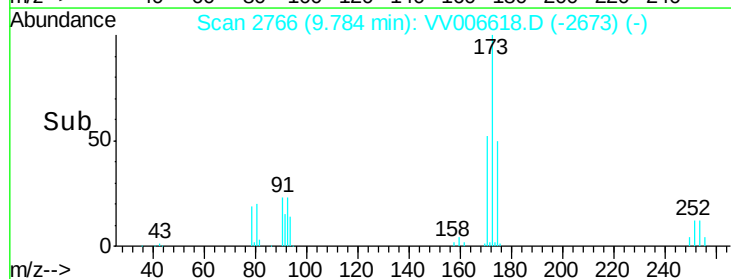
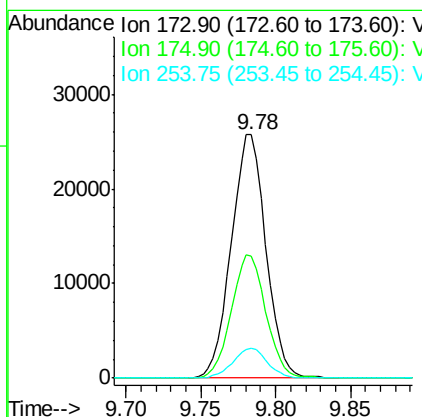
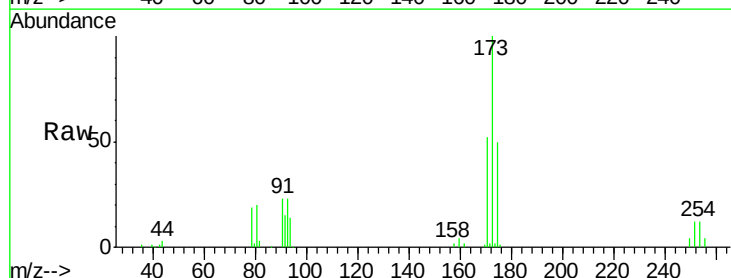
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV80

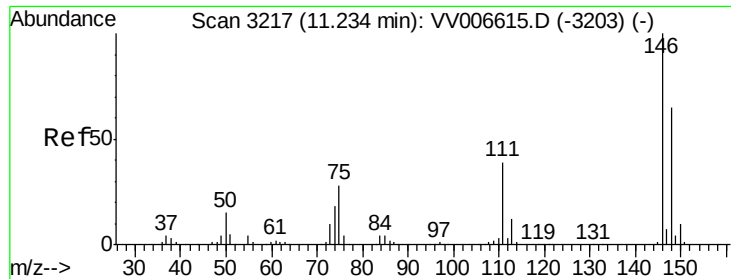
Tgt Ion: 75 Resp: 70016
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.9 38.9



#61
 Bromoform
 Concen: 5.049 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

Tgt Ion: 173 Resp: 41453
 Ion Ratio Lower Upper
 173 100
 175 50.5 39.0 58.6
 254 12.1 8.7 13.1





#62

1,3-Dichlorobenzene

Concen: 5.278 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

VICV80

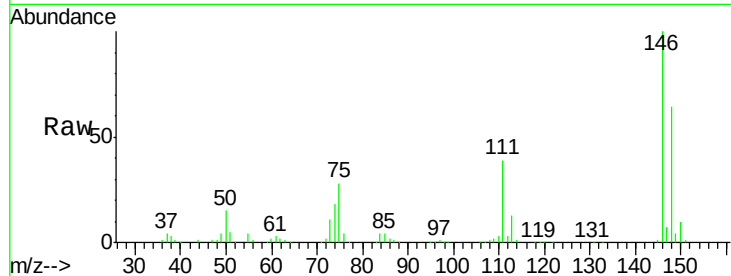
Tgt Ion:146 Resp: 224496

Ion Ratio Lower Upper

146 100

111 38.8 27.4 51.0

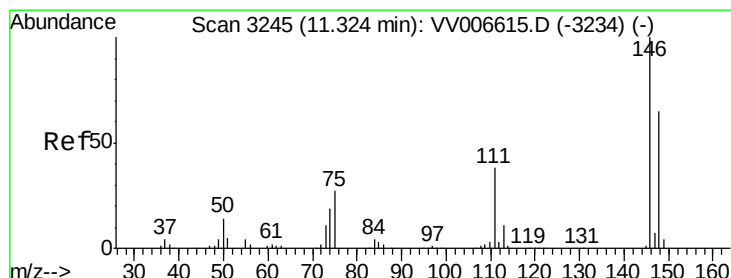
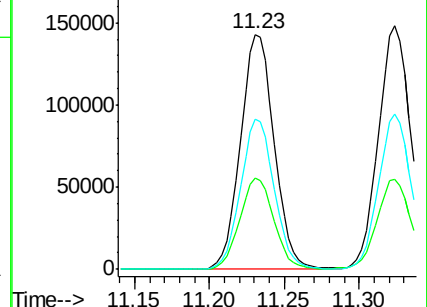
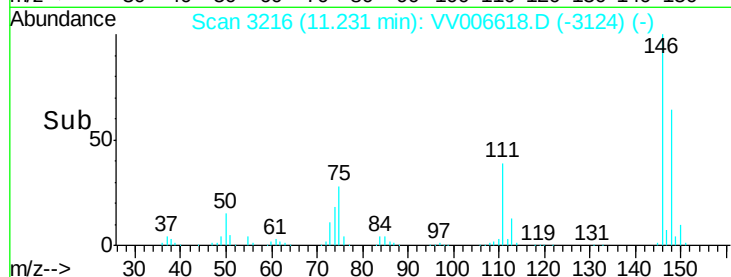
148 63.8 45.2 84.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.252 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

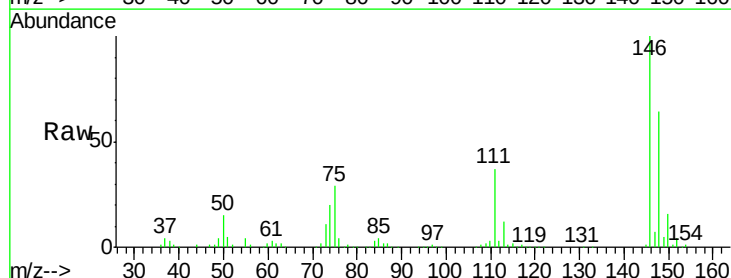
Tgt Ion:146 Resp: 227902

Ion Ratio Lower Upper

146 100

111 37.1 27.1 50.3

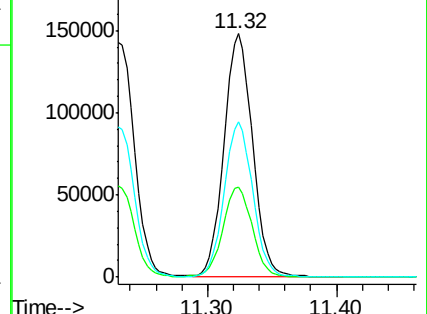
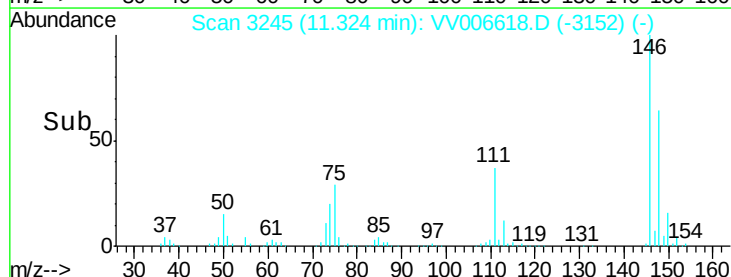
148 63.6 45.7 84.9

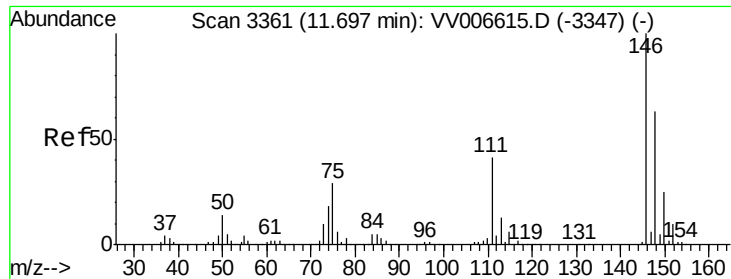


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.235 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

VICV80

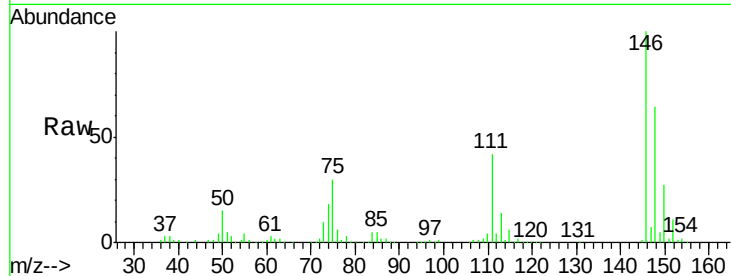
Tgt Ion:146 Resp: 219478

Ion Ratio Lower Upper

146 100

111 41.5 32.6 48.8

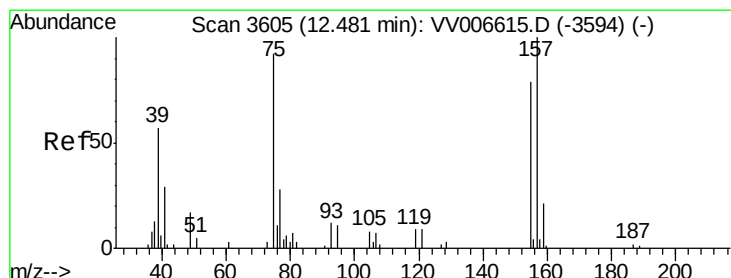
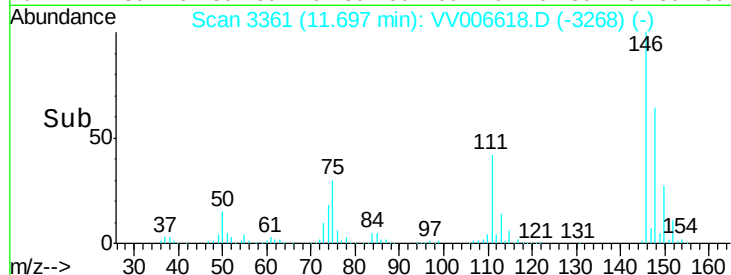
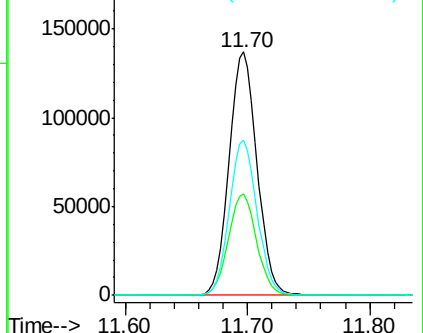
148 64.0 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.975 ug/L

RT: 12.48 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

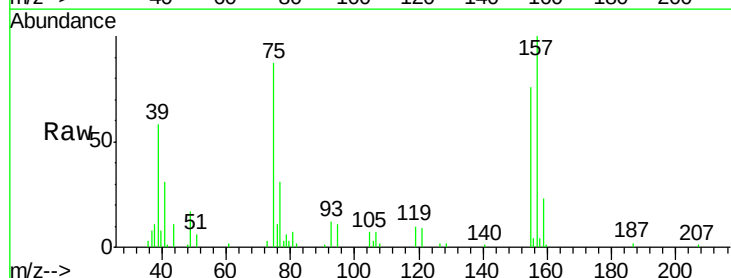
Tgt Ion: 75 Resp: 13109

Ion Ratio Lower Upper

75 100

155 86.6 68.9 103.3

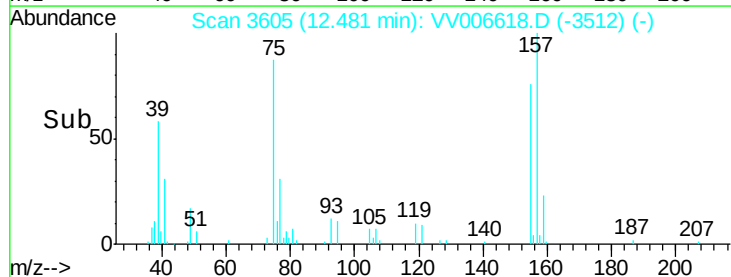
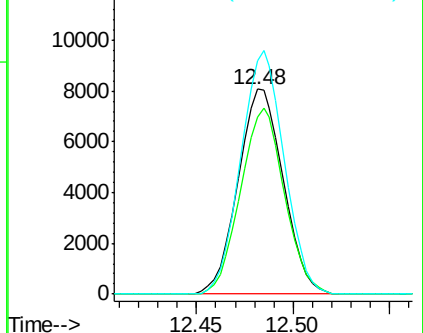
157 114.3 87.0 130.6

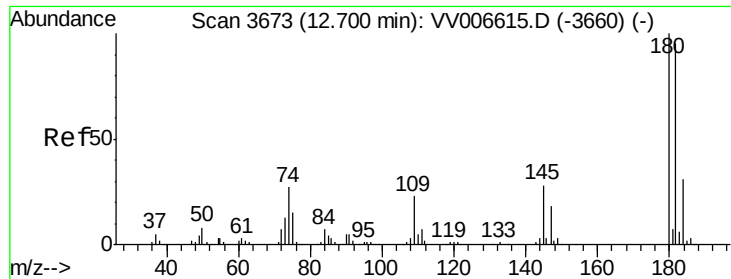


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

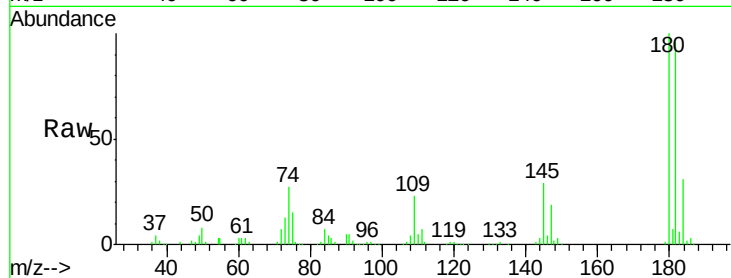




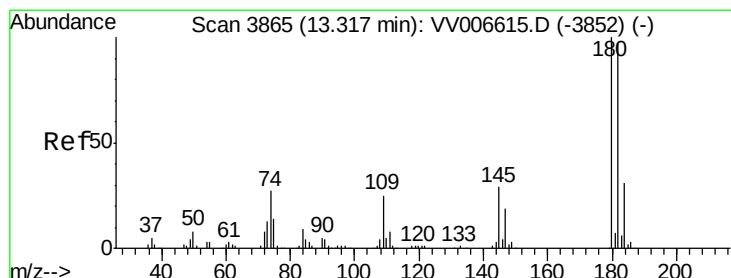
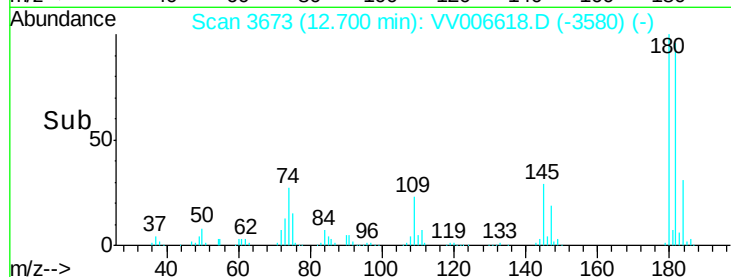
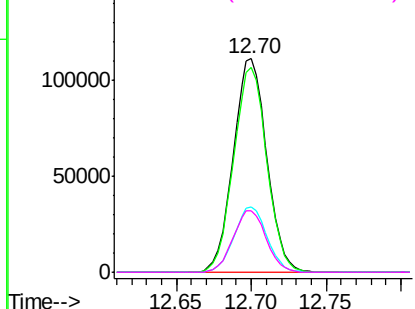
#67
 1,3,5-Trichlorobenzene
 Concen: 5.263 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV80

Tgt Ion:180 Resp: 172625
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.2
 184 30.3 24.3 36.5
 145 28.6 23.0 34.4

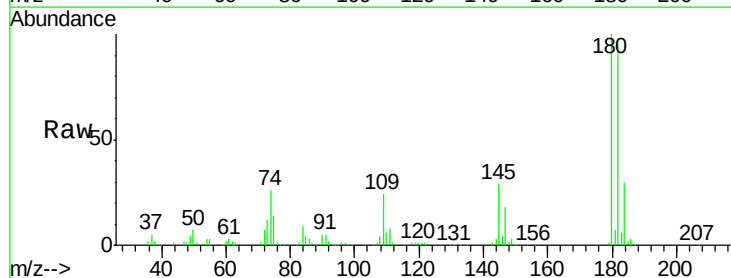


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

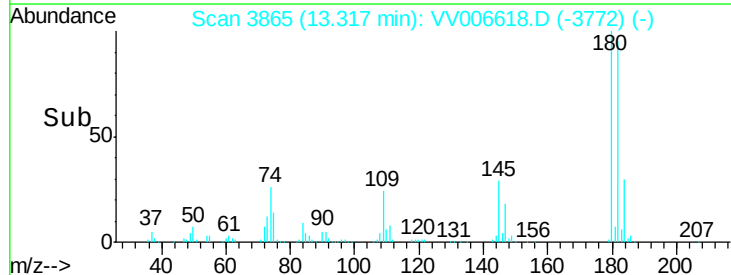
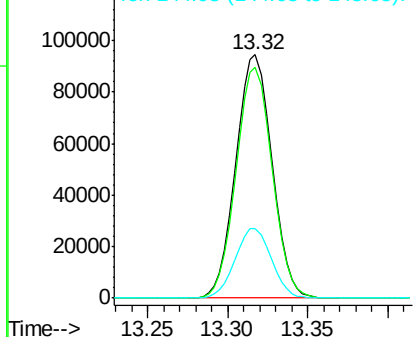


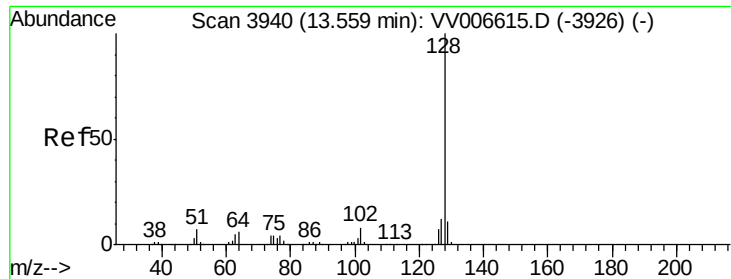
#68
 1,2,4-trichlorobenzene
 Concen: 5.339 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV006618.D
 Acq: 17 Jul 2018 14:45

Tgt Ion:180 Resp: 145421
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.6 114.8
 145 28.7 23.4 35.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 5.307 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

Instrument :

MSVOA_V

ClientSampleId :

VICV80

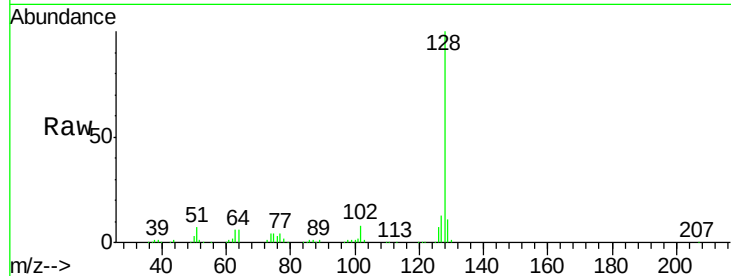
Tgt Ion:128 Resp: 268257

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

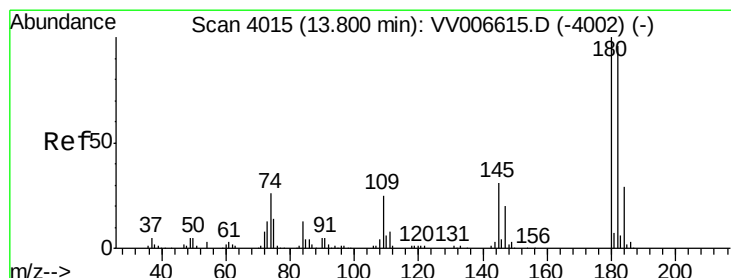
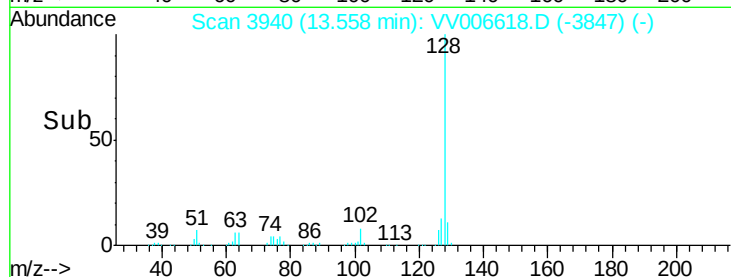
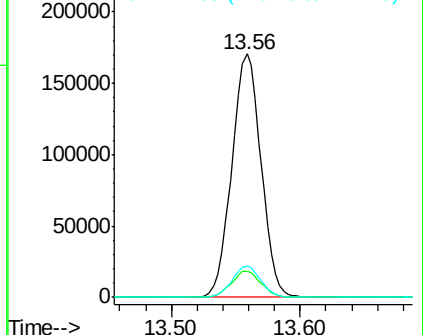
127 12.6 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.340 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV006618.D

Acq: 17 Jul 2018 14:45

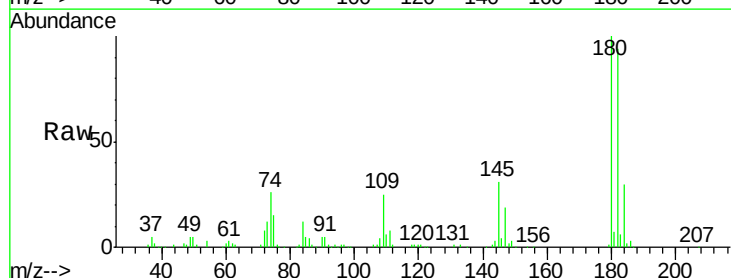
Tgt Ion:180 Resp: 138316

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 31.3 24.6 37.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

